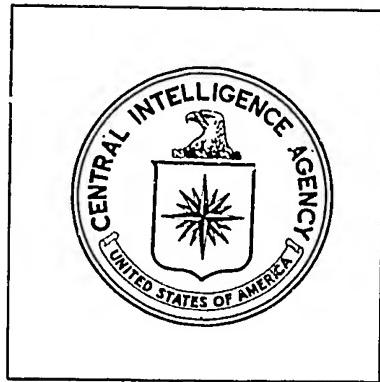


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CONF. JUL. 73 01 of 02

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# Economic Intelligence Statistical Handbook

1973

**Confidential**  
H 73-2  
July 1973

## WARNING

This document contains information affecting the national defense of the United States, within the meaning of Title 18, sections 793 and 794, of the US Code, as amended. Its transmission or revelation of its contents to or receipt by an unauthorized person is prohibited by law.

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Exempt from general  
declassification schedule of E.O. 11652  
exemption category 5b(1),(2),(3)  
Automatically declassified on  
Date Impossibly to Determine

*Economic Intelligence  
Statistical Handbook*

1973

This handbook was produced solely by the Central Intelligence Agency. It was prepared by the Office of Economic Research. Comments and queries regarding this handbook are welcomed. They may be directed to John Shulo, Code 143, Extension 7234.

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## FOREWORD

## 1. Purpose and Scope

The *Economic Intelligence Statistical Handbook*, 1973 provides statistics for selected non-Communist countries and all the Communist countries.

In general, the data in the *Handbook* are for 1960, 1965, 1970, and 1972. A summary table is presented for the United States, Japan, the European Community, the USSR, and China. Footnotes have been used liberally to give definitions, exceptions, and methodology. Footnotes to the commodity tables give more detailed definitions of the data than those appearing for the commodities on the summary table.

## 2. Rounding of the Totals

The totals have been rounded, with some exceptions, to three significant digits. In general, zeros appearing after the last nonzero number following the decimal point are not significant but are used merely for consistency in presentation, and, because of rounding, components may not add to the totals shown. Totals are not presented if missing data are believed to represent a significant part of the total.

## 3. Symbols

The abbreviation *N.A. (not available)* is used when information about the existence of the data or the magnitude of the data are not available, and the abbreviation *Negl. (negligible)* is used when the magnitude of the data is less than half of the final unit employed for each table. The metric system is used throughout.

## 4. Classification of Data

The overall classification of the *Handbook* is CONFIDENTIAL. The classified data are indicated by an asterisk (\*). Tables in which all of the data are classified have been identified accordingly. Classified data, however, frequently occur on the reverse of the page, and, therefore, caution should be exercised if pages are removed from this *Handbook*.

## 5. Sources

The data given for the most recent years are frequently preliminary and subject to revision. The data for the Communist countries are estimates of this Office, official data from the country cited, or estimates made by other organizations. The data for the non-Communist countries are from publications of the United Nations and the Organization for Economic Cooperation and Development (OECD), are from unclassified publications of other international organizations or individual countries, or are estimates of this Office.

## 6. Terms

Unless otherwise indicated, the term *Communist Countries* includes the USSR, the countries of Eastern Europe, China, North Korea, North Vietnam, Albania, Cuba, and Yugoslavia; the term *Eastern Europe* includes Bulgaria, Czechoslovakia, East Germany, Hungary, Poland, and Romania. The term *European Community* includes Belgium, Denmark, France, Ireland, Italy, Luxembourg, the Netherlands, the United Kingdom, and West Germany. The term *developed countries* includes the European Community, Austria, Finland, Iceland, Liechtenstein, Norway, Sweden, Switzerland, Australia, Canada, Japan, New Zealand, South Africa, and the United States. The term *Organization for Economic Cooperation and Development* includes Greece, Portugal, Spain, Turkey, and all the developed countries, except Liechtenstein, New Zealand, and South Africa. The term *less developed countries* includes the following non-Communist countries: (1) all countries of Africa except the Republic of South Africa, (2) all countries of East Asia except Japan, (3) Portugal and Spain in Europe, (4) all countries in Latin America, and (5) all countries in the Middle East and South Asia.

As far as possible, production data for the Saar have been included in the data for West Germany for all years, unless otherwise indicated. Totals for the country groupings may or may not include all of the countries listed above, depending on the commodity or services listed.

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# Where You Will Find Statistics On . . .

	FIGURE	PAGE
INTERNATIONAL COMPARISONS	1 World Gross National Product..... 2 Gross National Product Per Capita..... 3 Gross National Product Comparisons..... 4 Economic Growth..... 5 Gross Investment..... 6 Defense Expenditures..... 7 International Reserves..... 8 World Exports..... 9 Industrial Production..... 10 World Production of Motor Vehicles..... 11 World Crude Oil, 1972..... 12 World Crude Oil Production and Consumption..... 13 Primary Energy Consumption..... 14 Economic Comparisons, 1972..... 15 Crude Steel..... 	1 2 3 4 5 5 6 7 8 8 9 10 11 12-13 14
INTERNATIONAL AGGREGATIVE TRENDS	<b>TABLE</b> 1-3 Gross National Product..... 4 International Reserves..... 5 Current Account Balance..... 6 Basic Balance..... 7-8 Industrial Production..... 9 Agricultural Production..... 10 Defense Expenditures..... 11 Consumer Price Index..... 12 Wholesale Price Index..... 13-14 Exchange Rates..... 15 Population..... 16-19 Labor Force..... 20 United States: Economic Data.....  22 European Community: Economic Data..... 23 USSR: Economic Data..... 24 China: Economic Data..... 25 US and USSR: Factors of Consumption.....  25X6	15-17 18 19 19 20-21 22 23 24 25 26-27 28 29-30 31  33 34 35 36
SOVIET ECONOMIC PERFORMANCE	26 Gross National Product..... 27 Hard Currency Trade Balance..... 28 Production and Reserves of Gold..... 29 Aggregate Factor Productivity..... 30 Industrial Factor Productivity..... 31 Gross Fixed Capital Investment..... 32 State Budget..... 33 Drawings and Scheduled Repayments on Western Credits..... 34 Stock of Fixed Capital..... 35 Growth of Industrial Production..... 36 Economic Plans..... 	37 37 38 38 39 40 41 42 42 43 44
FOREIGN TRADE	37-40 US Trade with the Communist Countries..... 41-43 Soviet Trade..... 44-46 Chinese Trade..... 47-49 East European Trade..... 50 Yugoslav Trade..... 51-53 Non-Communist Countries' Trade..... 54 Arms Exports to LDCs..... 	45-48 49-51 52-54 55-57 58 59-61 62

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AID	TABLE	PAGE
<b>To the Less Developed Countries</b>	55-56 Gross Official Bilateral Capital Flows..... 57 US Economic Loans and Grants..... 58 US Military Deliveries..... 59 Communist Economic Extensions and Drawings..... 60 Communist Military Extensions and Drawings..... 61 Soviet Economic Extensions..... 62 Soviet Military Extensions and Drawings..... 63 Chinese Economic Extensions..... 64 Chinese Military Extensions and Drawings..... 65 East European Economic Extensions..... 66 East European Military Extensions and Drawings..... 67-69 Communist Military Equipment Deliveries..... 70 Trainees Departing for Training in Communist Countries..... 71 Military Personnel Trained in Communist Countries... 72 Economic and Military Technicians..... 73 Soviet Economic Extensions.....	63-64 65 66 67 67 68 69 70 71 72 73 74-76 77 78 79 80
<b>To the Communist Countries</b>		
<b>FUELS AND POWER</b>	74 Primary Energy..... 75 Crude Oil..... 76 Proved Reserves of Crude Oil..... 77 Petroleum Products..... 78 Natural Gas..... 79 Hard Coal..... 80 Brown Coal and Lignite..... 81 Electric Power..... 82 Electric Power Generating Capacity..... 83 Metallurgical Coke.....	81 82 83 84 85 86 87 88 89 90
<b>MINERALS AND METALS</b>	84 Crude Steel..... 85 Rolled Steel..... 86 Pig Iron..... 87 Iron Ore..... 88 Manganese Ore..... 89 Refined Nickel..... 90 Chromite..... 91 Molybdenum..... 92 Cobalt..... 93 Tungsten Ore..... 94 Gold..... 95 Refined Copper..... 96 Primary Aluminum..... 97 Bauxite..... 98 Smelter Lead..... 99 Refined Zinc..... 100 Titanium Sponge Metal..... 101 Primary Tin Metal..... 102 Primary Magnesium.....	91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115
<b>CHEMICALS AND RUBBER</b>	103 Mineral Fertilizer..... 104 Nitrogen Fertilizer..... 105 Phosphorus Fertilizer..... 106 Potassium Fertilizer..... 107 Sulfuric Acid..... 108 Synthetic Ammonia..... 109 Plastics..... 110 Caustic Soda..... 111 Synthetic Rubber..... 112 Rubber Tires..... 113 Natural Rubber.....	107 108 109 110 111 112 113 114 115

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## TABLE

PAGE

**CONSUMER GOODS, PRODUCERS' GOODS, AND CONSTRUCTION**

114	Automobiles.....	115
115	Trucks and Buses.....	116
116	Television Receivers.....	117
117	Radio Receivers.....	118
118	Footwear.....	118
119	Woven Cotton Fabrics.....	119
120	Woven Woolen Fabrics.....	120
121	Woven Rayon and Acetate Fabrics.....	121
122	Synthetic Fibers.....	122
123	Electric Motors.....	122
124	Metalcutting Machine Tools.....	123
125	Metaforming Machine Tools.....	123
126	Electric Generators.....	124
127	Turbines.....	124
128	Digital Computers.....	125
129	Housing Construction.....	125
130	Cement.....	126

**AGRICULTURE**

131	Total Grain.....	127
132	Breadgrain.....	128
133	Coarse Grain.....	129
134	Rice.....	130
135	Potatoes.....	131
136	Meat.....	132
137	Milk.....	133
138	Sugar.....	134
139	Fish Catch.....	135
140	Cattle.....	136
141	Hogs.....	137
142	Ginned Cotton.....	138
143	Wool.....	139
144	Grain Combines.....	140
145	Tractors.....	140
146	Mineral Fertilizer Consumption.....	140
147	Nitrogen Fertilizer Consumption.....	141
148	Phosphorus Fertilizer Consumption.....	142
149	Potassium Fertilizer Consumption.....	143
		144

**TRANSPORTATION**

150-151	Railroad Freight.....	145-146
152-153	Motor Vehicle Freight.....	147
154-155	Inland Water Freight.....	148
156	Air Passenger Traffic.....	149
157	Air Freight.....	149
158	Ocean Freight.....	150
159-160	Petroleum Pipelines.....	151
161-163	Mainline Locomotives.....	152-154
164	Railroad Freight Cars.....	155
165	Civil Aircraft Inventory.....	155
166	Mainline Locomotives Inventory.....	156
167	Railroad Freight Car Inventory.....	157
168	Civilian Trucks Inventory.....	158
169	Merchant Fleet Inventory.....	159
170	Tanker Fleet Inventory.....	160
171	Military Capacities of Selected Ports.....	161-162

**COMMUNICATIONS**

172	Telephones in Use.....	163
173	Semiconductors.....	164
174	Radio Receivers in Public Use.....	164
175	Television Receivers in Public Use.....	165

**INDEX**

167

**CONVERSION FACTORS**

Inside Back Cover

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**More than \$4,500**

Canada  
Sweden  
United States

**\$1,701-\$4,500**

Australia  
Austria  
Bahama Islands  
Belgium  
Bermuda  
Czechoslovakia  
Denmark  
East Germany  
Faeroe Islands  
Finland  
France  
Iceland  
Ireland  
Israel  
Italy  
Japan  
Kuwait  
Libya  
Liechtenstein  
Luxembourg  
Monaco  
Nauru  
Netherlands  
New Caledonia  
New Zealand  
Norway  
Puerto Rico  
Qatar  
San Marino  
Switzerland  
United Arab Emirates  
United Kingdom  
USSR  
West Germany

**\$1,001-\$1,700**

Andorra  
Argentina  
Brunei  
Bulgaria  
Cyprus  
Falkland Islands (Malvinas)  
Greece  
Hungary  
Netherlands Antilles  
Poland  
Romania  
Singapore  
Spain  
Venezuela  
Yugoslavia

**\$801-\$1,000**

Chile  
French Guiana  
Greenland  
Hong Kong  
Malta  
Martinique  
Panama  
Portugal  
Republic of South Africa  
Ryukyuus  
Trinidad and Tobago

**\$601-\$800**

American Samoa  
French Territory of Afars and Issas  
Gabon  
Gibraltar  
Guadeloupe  
Jamaica  
Lebanon  
Mexico  
Oman  
Réunion  
Saudi Arabia  
South-West Africa  
Surinam  
Uruguay

**\$401-\$600**

Bahrain  
Barbados  
Brazil  
British Honduras  
Costa Rica  
Cuba  
Fiji  
Iran  
Mongolia  
Nicaragua  
Peru  
Taiwan

**\$201- \$400**

Albania  
Algeria  
Angola  
Antigua  
Bolivia  
Colombia  
Congo  
Dominica  
Dominican Republic  
Ecuador  
Egypt  
El Salvador  
Equatorial Guinea  
Ghana  
Grenada  
Guatemala  
Guyana  
Honduras  
Iraq  
Ivory Coast  
Jordan  
Liberia  
Malaysia

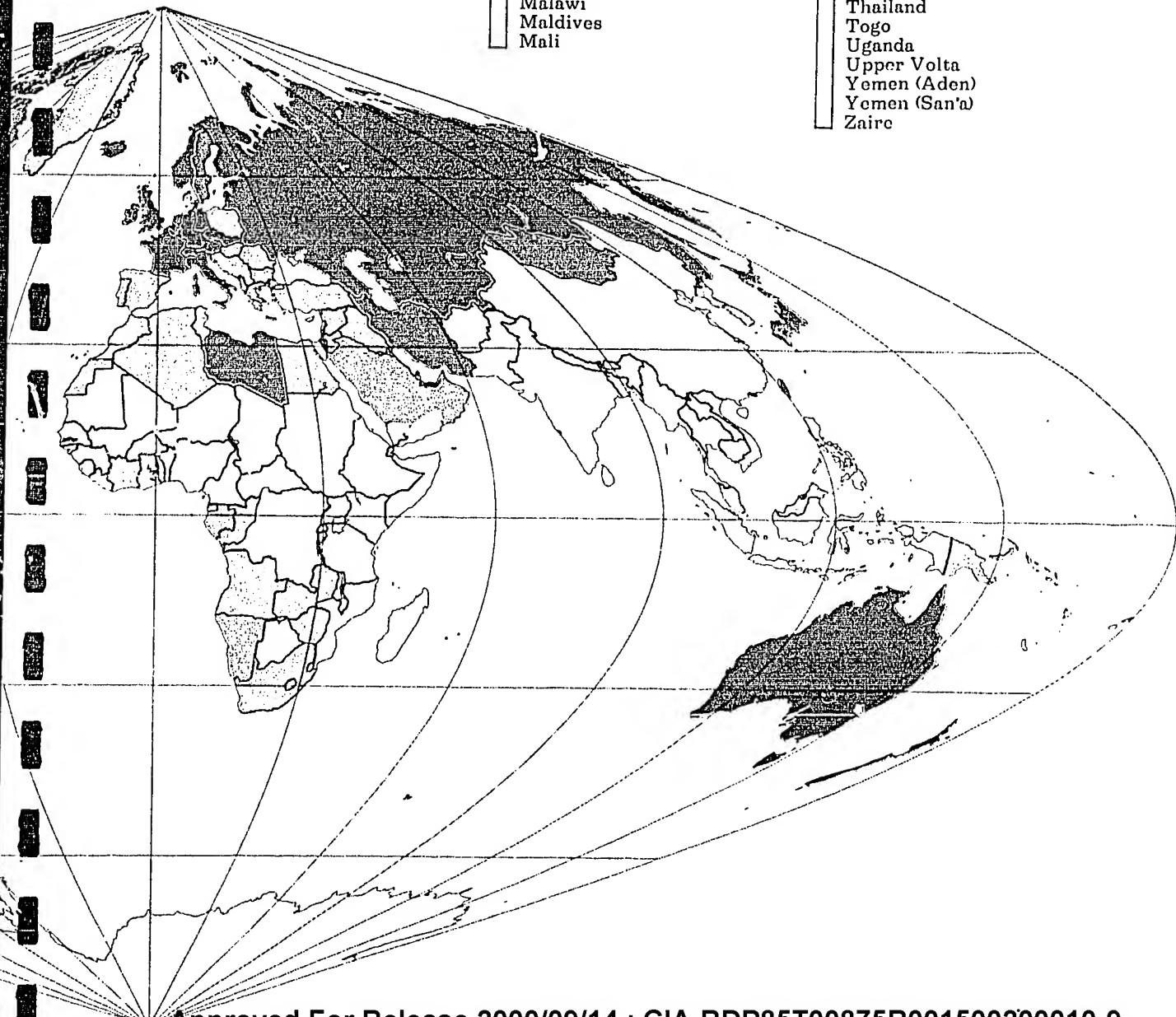
# INTERNATIONAL COMPARISONS

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Mauritius  
Morocco  
North Korea  
Papua New Guinea  
Paraguay  
Portuguese Guinea  
Rhodesia  
St. Kitts - Nevis - Anguilla  
St. Lucia  
South Korea  
Spanish Sahara  
Syria  
Tonga  
Tunisia  
Turkey  
Western Samoa  
Zambia

**Less than \$201**  
Afghanistan  
Bangladesh  
Bhutan  
Botswana  
Burma  
Burundi  
Cambodia  
Cameroon  
Central African Republic  
Chad  
Dahomey  
Ethiopia  
Gambia  
Guinea  
Haiti  
India  
Indonesia  
Kenya  
Laos  
Lesotho  
Macao  
Madagascar Republic  
Malawi  
Maldives  
Mali

Mauritania  
Mozambique  
Nepal  
Niger  
Nigeria  
North Vietnam  
Pakistan  
People's Republic of China  
Philippines  
Portuguese Timor  
Rwanda  
St. Vincent  
Senegal  
Seychelles  
Sierra Leone  
Sikkim  
Somalia  
South Vietnam  
Sri Lanka  
Sudan  
Swaziland  
Tanzania  
Thailand  
Togo  
Uganda  
Upper Volta  
Yemen (Aden)  
Yemen (San'a)  
Zaire

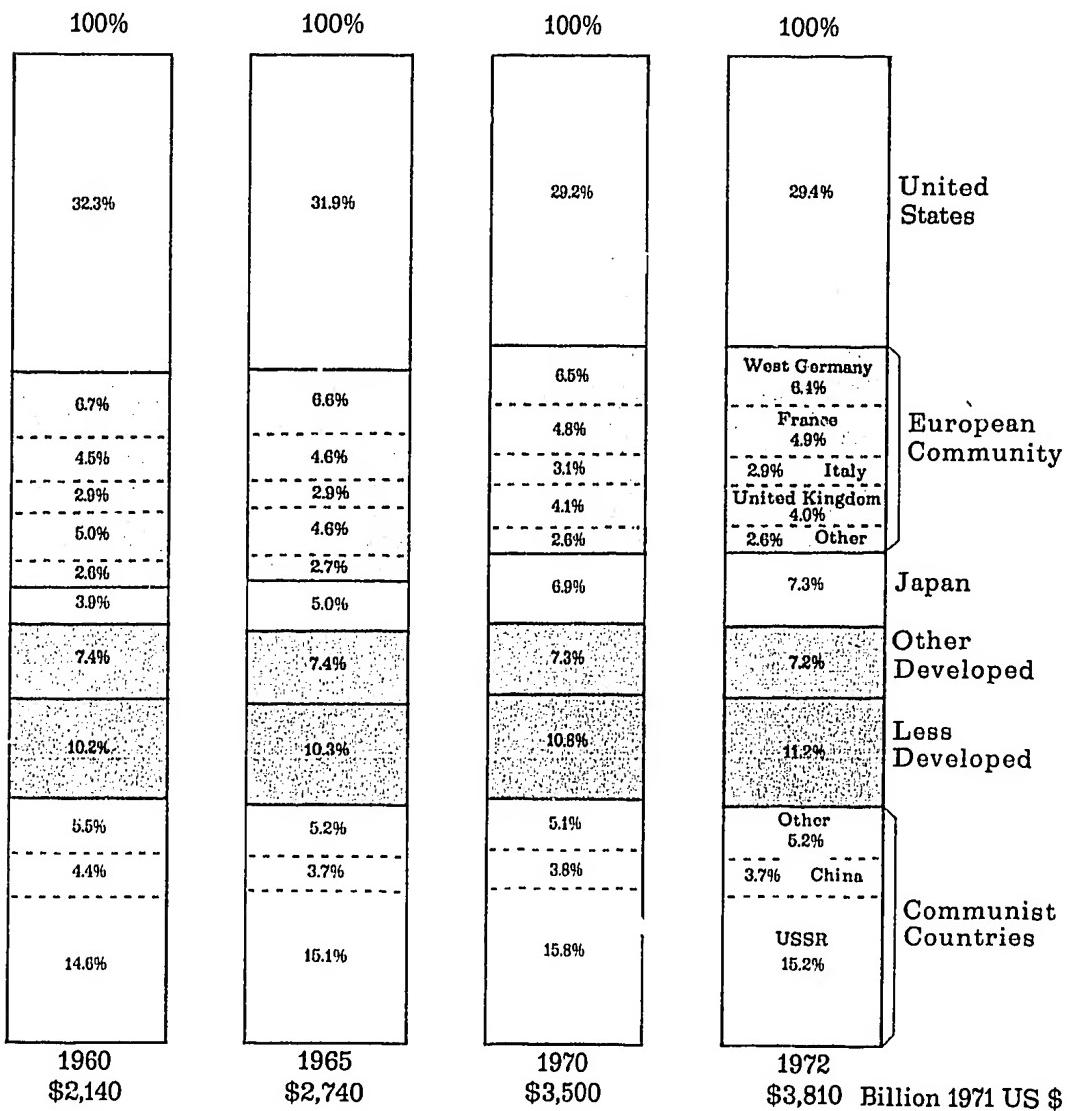


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Figure 1

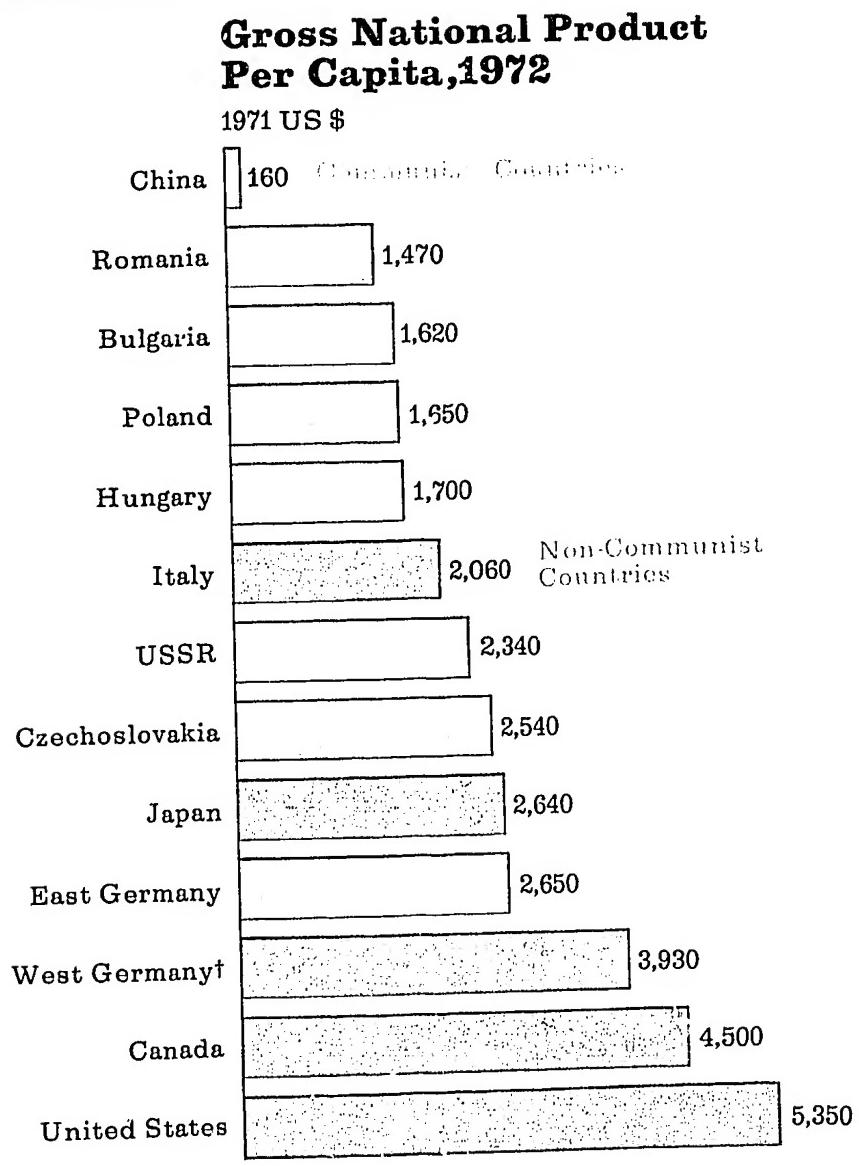
**World Gross National Product**

516075 1-73 CIA

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Figure 2



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**United States**

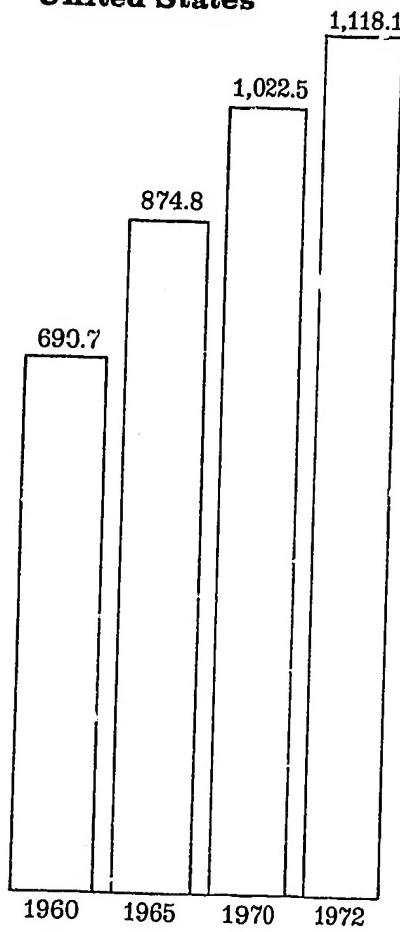
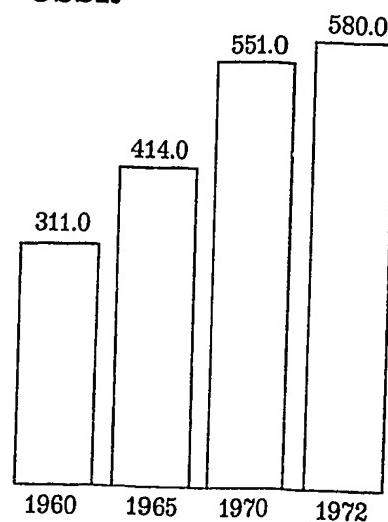


Figure 3

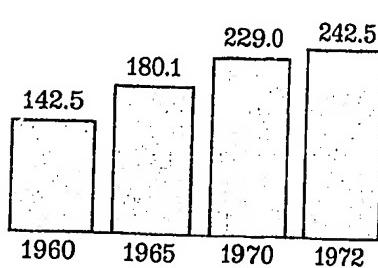
**Gross National Product Comparisons**

Billion 1971 US \$

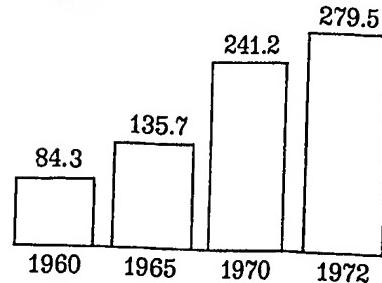
**USSR**



**West Germany**



**Japan**



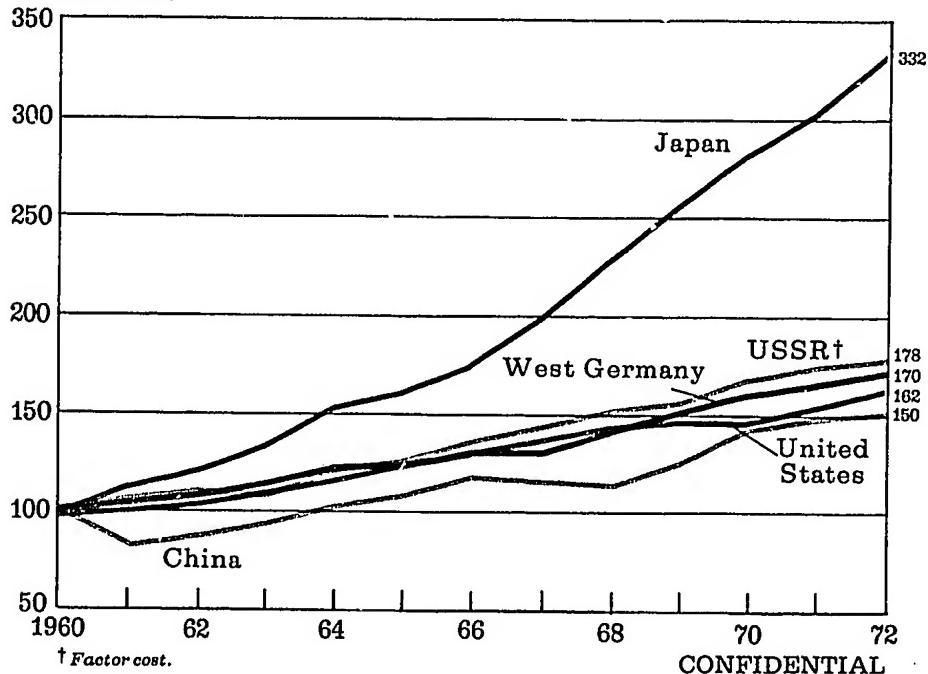
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Figure 4

**Economic Growth****Index of Real Gross National Product**

1960=100



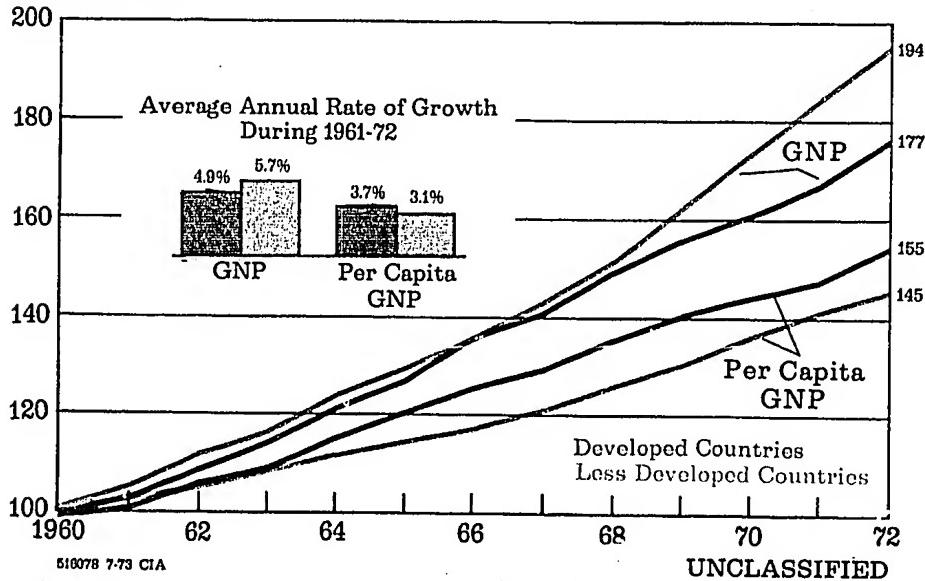
† Factor cost.

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**Index of Gross National Product  
in Developed and Less Developed Countries**

1960=100

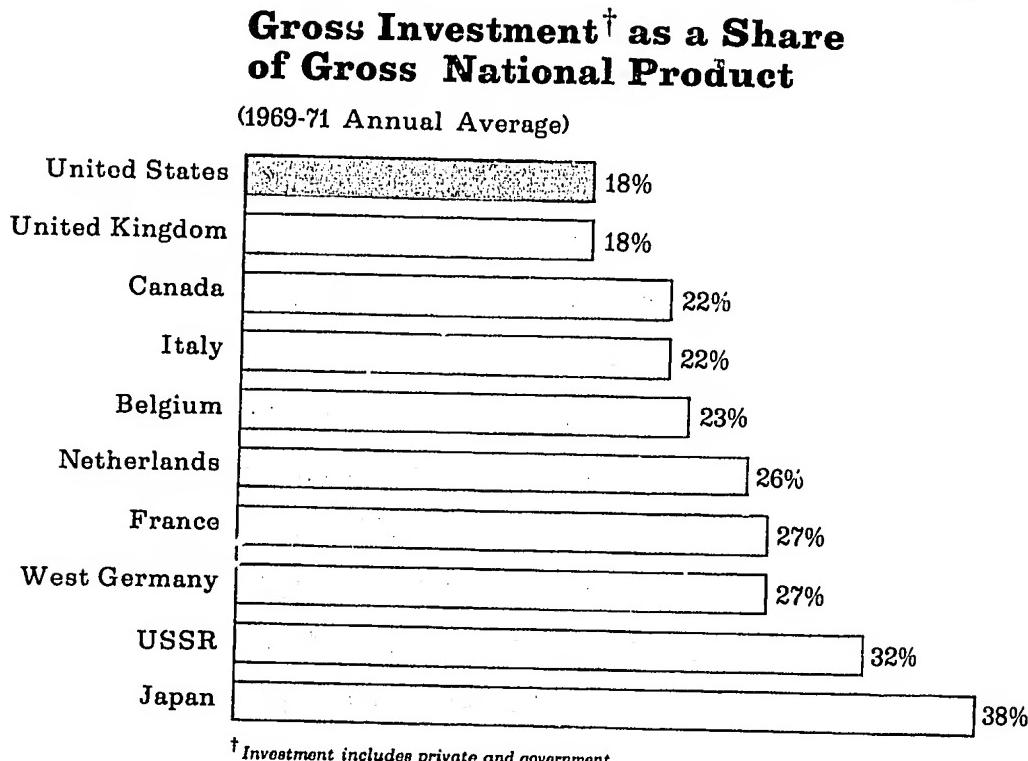


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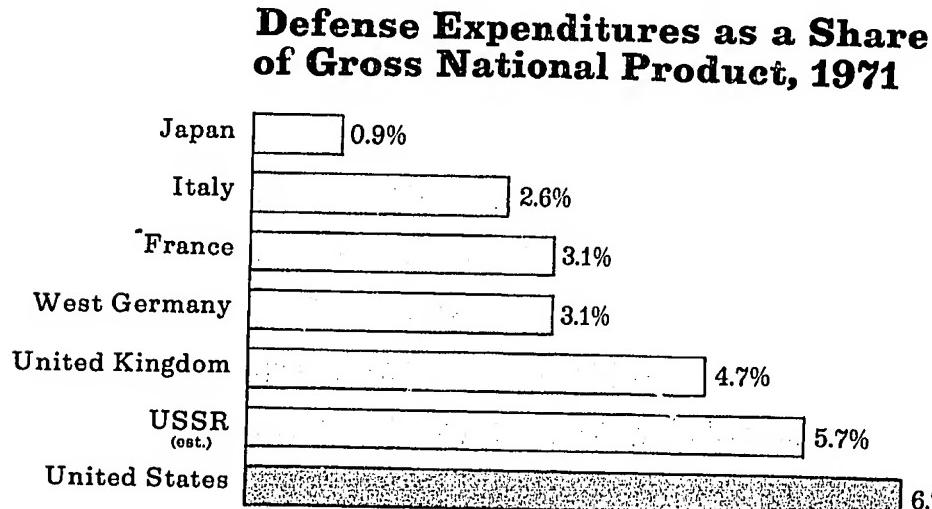
Figure 5



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Figure 6



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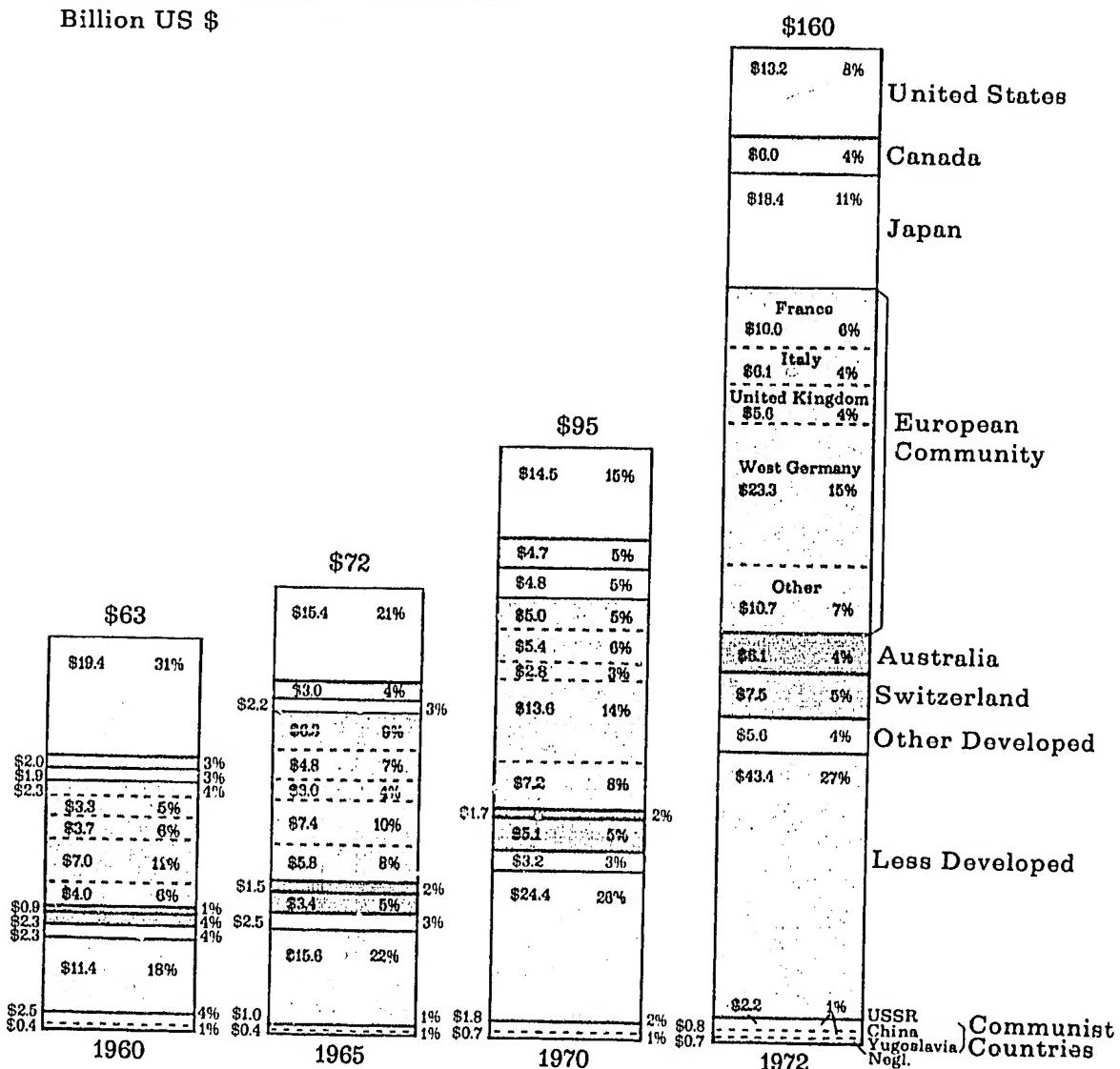
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Figure 7

**International Reserves<sup>†</sup>**

Billion US \$



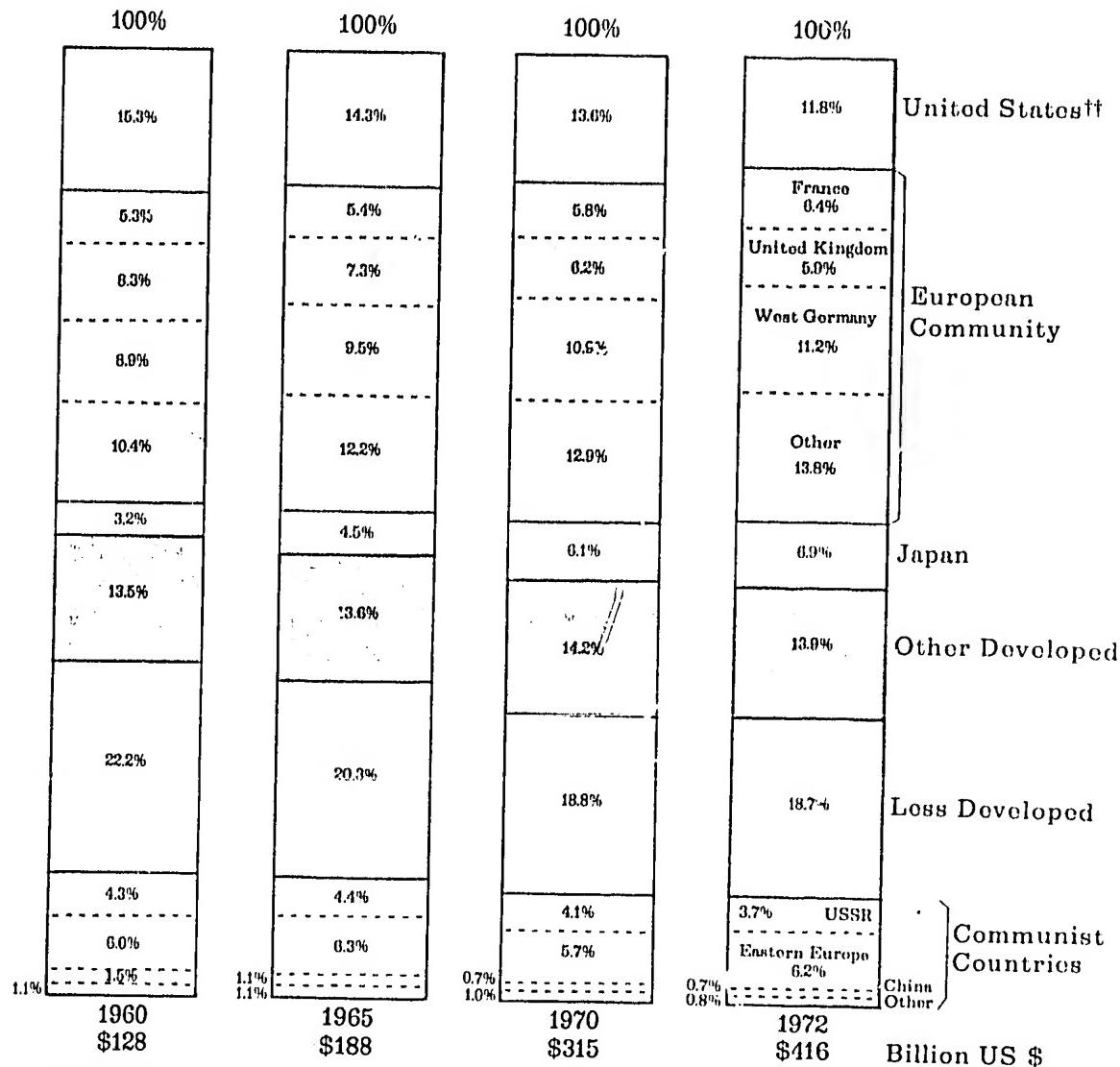
<sup>†</sup> Including gold and foreign exchange. Data for the non-Communist countries also include Special Drawing Rights and the reserve position in the International Monetary Fund. Data before 1972 for the non-Communist countries are expressed in terms of US dollars at the official par values and, beginning in 1972, reflect the realignment of the exchange rates agreed to on 18 December 1971 and the revaluation of the dollar price of gold.

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Figure 8

**World Exports†**

† Data are f.o.b.

†† Excluding Department of Defense shipments.

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**Index of Industrial Production**

1960=100

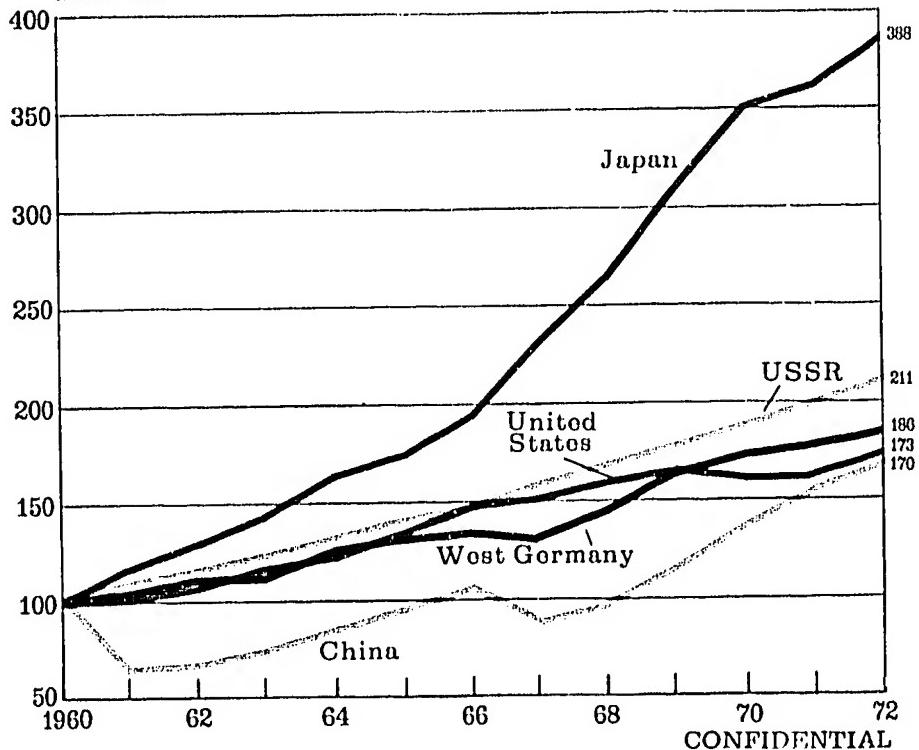


Figure 9

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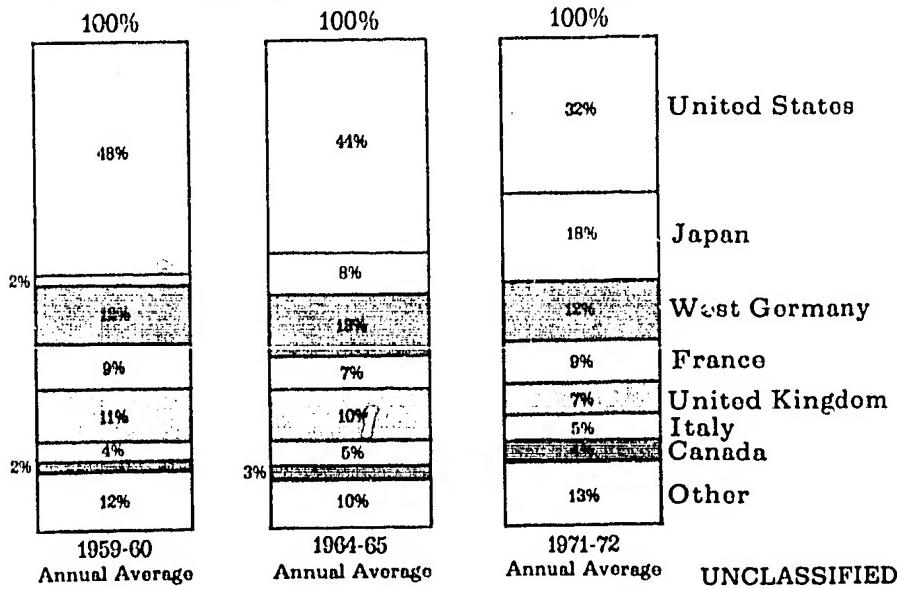
**World Production of Motor Vehicles**

Figure 10

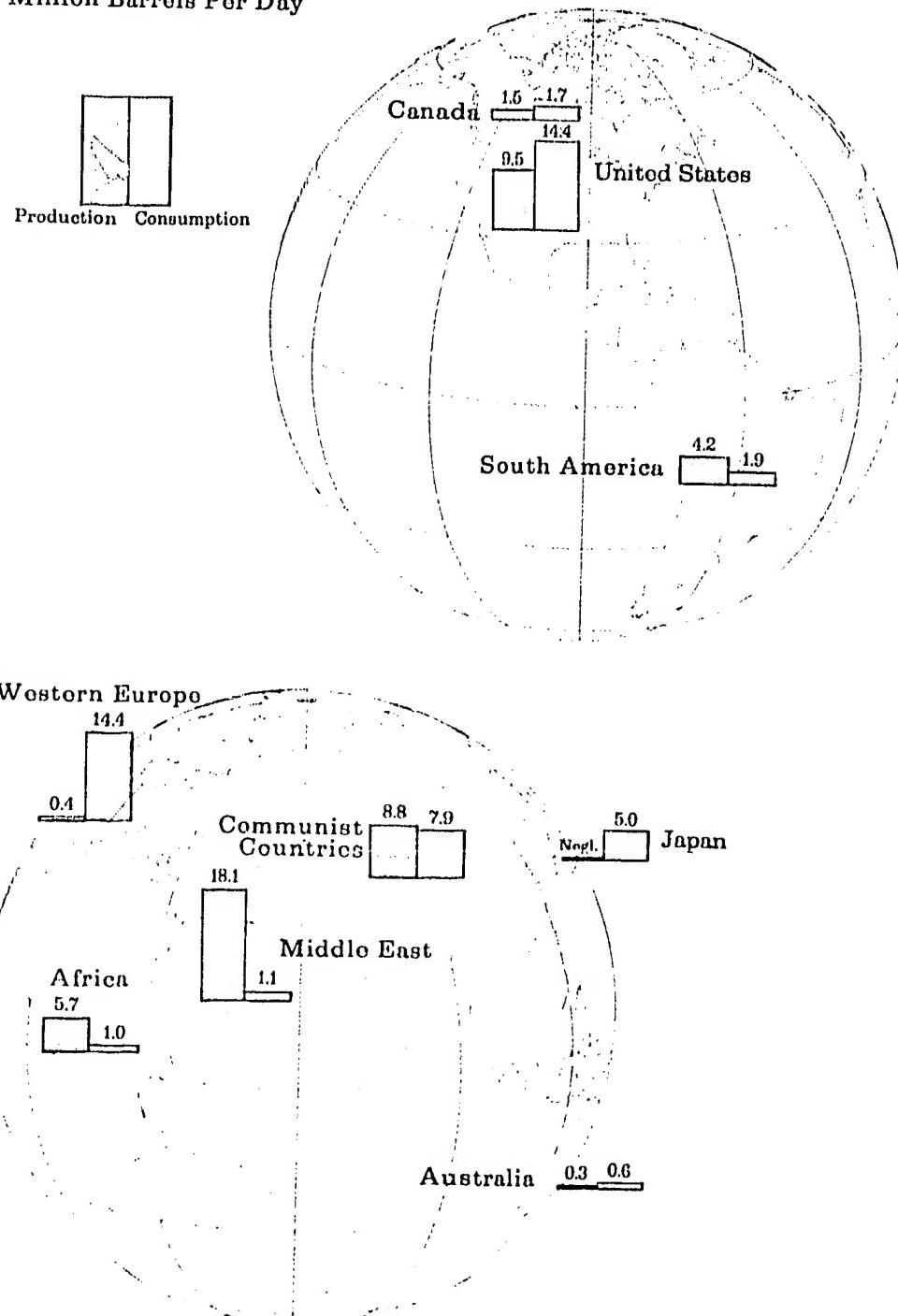
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Figure 11

### World Crude Oil Production and Consumption, Selected Areas, 1972

Million Barrels Per Day



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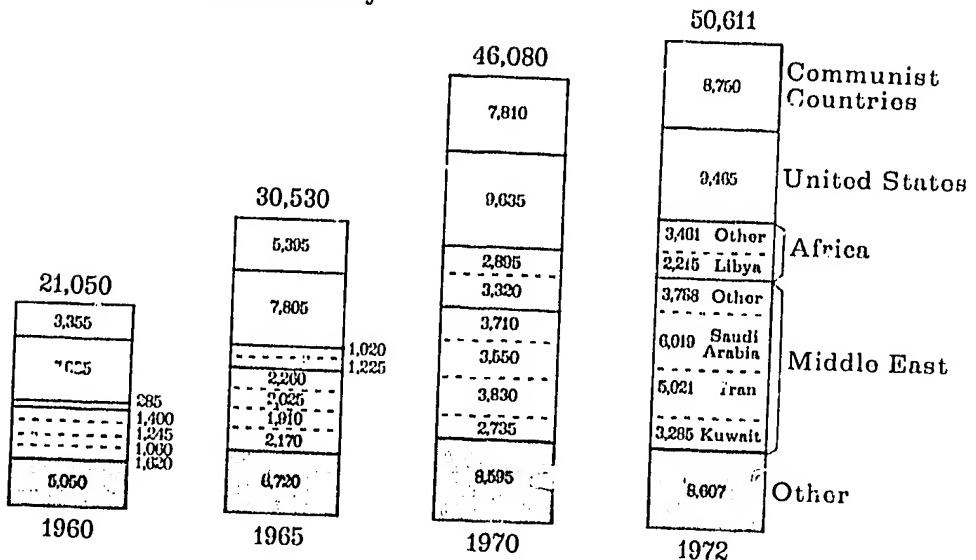
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Figure 12

## **World Crude Oil**

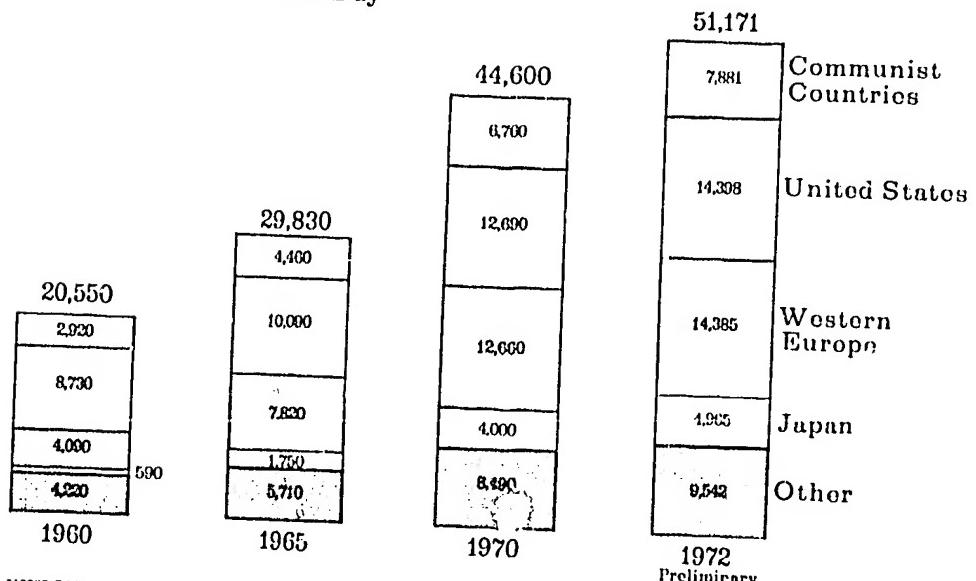
## Production

### Thousand Barrels Per Day



## **Consumption**

## Thousand Barrels Per Day



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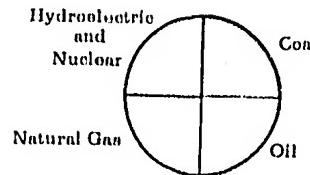
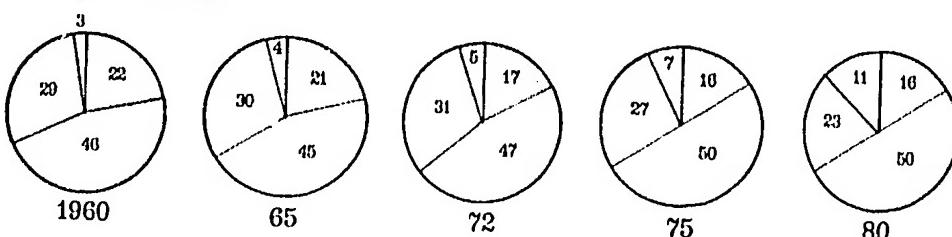
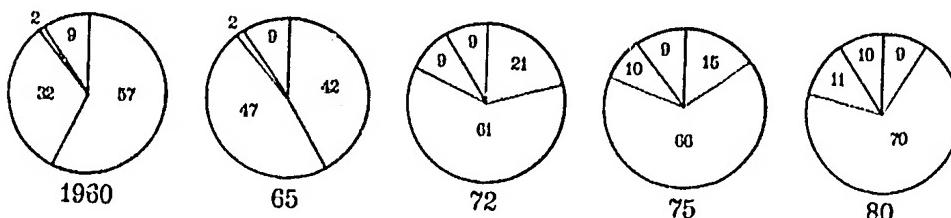
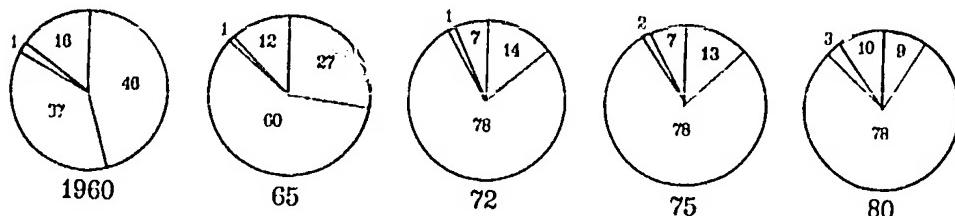
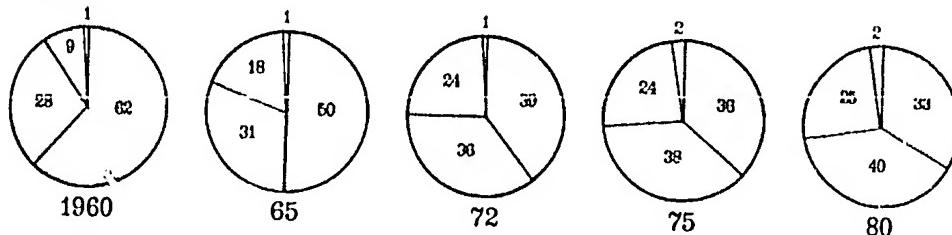
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Figure 13

**Primary Energy Consumption**

Porcent

**United States****Western Europe****Japan****USSR**

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## ECONOMIC COMPARISONS, 1972

	United States	Canada	Japan	European Community	France	Italy
<b>Aggregative data</b>						
Population						
Million persons at midyear.....	208.8	21.8	100.0	254.7	51.7	54.2
Percent increase.....	0.9	0.9	1.3	0.5	0.8	0.6
Gross national product						
Billion 1971 US \$ <sup>a</sup> .....	1,118.1	98.0	279.5	791	180.0	111.5
Average annual rate of growth, 1960-72 (percent) <sup>b</sup> .....	3.0	5.0	10.0	4.4	5.6	4.0
Per capita (1971 US \$).....	5,350	4,500	2,640	3,400	3,000	2,000
Industrial production (1960 = 100).....	173	201	388	N.A.	200	197
Production						
Primary energy (million metric tons of coal equivalents) <sup>c</sup> .....	2,183	333	87	583	82	51
Electric power (billion kilowatt-hours).....	1,908	241	416	958	107	137
Crude steel (million metric tons).....	121	12	97	138	24	20
Cement (million metric tons).....	75	0	66	141	30	33
Trade and international reserves						
Exports <sup>d</sup> (million US \$).....	40,208 <sup>e</sup>	21,025	28,020	154,000	20,423	18,548
Imports <sup>f</sup> (million US \$).....	58,044	20,497	23,494	154,700	27,002	19,282
Trade balance (million US \$).....	-9,730	528	5,120	200	-579	-734
International reserves (billion US \$).....	13.2	0.0	18.4	N.A.	10.0	0.1
Indicators of living standards						
Grain production (kilograms per capita)....	1,092	1,533	139 <sup>g</sup>	403	707	300
Meat production (kilograms per capita)....	80	71	10	53	59	27
Television receivers in use (units per thou- sand persons).....	533	416	258	285	202	218
Radio receivers in use (units per thousand persons).....	1,765	760 <sup>h</sup>	573 <sup>h</sup>	301 <sup>h</sup>	312 <sup>h</sup>	224 <sup>h</sup>
Consumer price index (1960 = 100).....	141	141	104	N.A.	107	162
Telephones in use (units per thousand persons).....	602 <sup>i</sup>	476 <sup>i</sup>	281 <sup>i</sup>	234 <sup>i</sup>	186 <sup>i</sup>	192 <sup>i</sup>
Gross investment as a percent of GNP (1969-71 annual average) <sup>j</sup> .....	18	22	38	N.A.	27	22

<sup>a</sup>An asterisk indicates that the data are CONFIDENTIAL.<sup>b</sup> Including data for West Berlin.<sup>c</sup> Data for the non-Communist countries were converted from national currencies at the new central or par value exchange rates agreed to on 18 December 1971. Data for the Communist countries were converted at US purchasing power equivalents.<sup>d</sup> The base year is the year prior to the stated period. Data for the USSR are at factor costs.<sup>e</sup> Energy expressed in coal equivalents has a calorific value of 7,000 kilocalories per kilogram.<sup>f</sup> Data are f.o.b.<sup>g</sup> Excluding Department of Defense shipments.<sup>h</sup> Unless otherwise indicated, data are c.i.f.<sup>i</sup> Data are for 1971.<sup>j</sup> Rice only.<sup>h</sup> Excluding rice.<sup>i</sup> Data are for 1970.<sup>j</sup> Including private and government.

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Figure 14

## ECONOMIC COMPARISONS, 1972

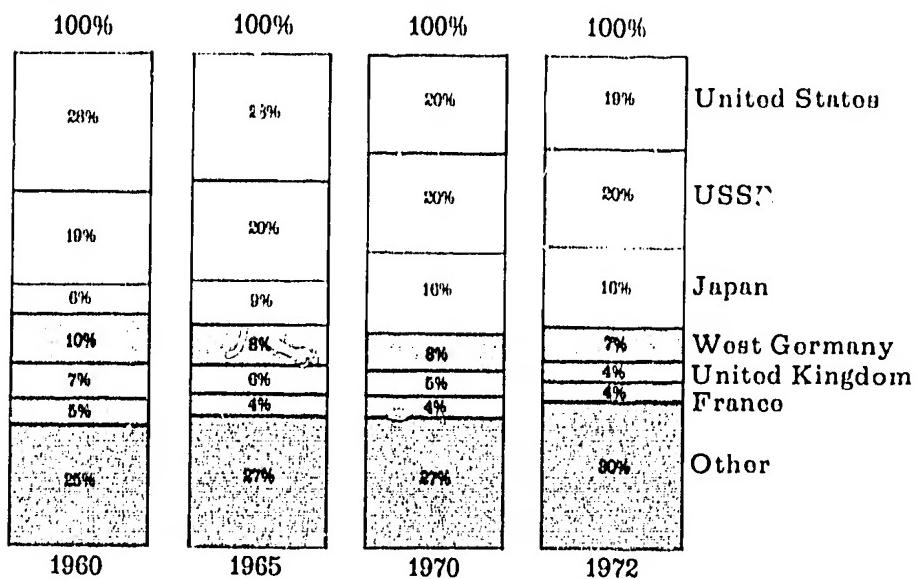
United Kingdom	West Germany	USSR	Eastern Europe	China	
55.8	61.7 <sup>1</sup>	247.5	104.2	878	Aggregative data
0.2	0.7 <sup>1</sup>	1.0	0.6	2.5	Population
151.6	242.5 <sup>1</sup>	580.0*	199	133-147	Million persons at midyear
2,720	3,030 <sup>1</sup>	2,340*	1,010	160	Percent increase
137	186	211*	210	157-183	Gross national product
					Billion 1971 US \$ <sup>2</sup>
					Average annual rate of growth 1966-72
					(percent) <sup>3</sup>
					Per capita (1971 US \$)
					Industrial production (1960 = 100)
					Production
					Primary energy (million metric tons of coal
					equivalents <sup>4</sup> )
174	181	1,323	400	341	Electric power (billion kilowatt-hours)
269	269	858	283	95	Crude steel (million metric tons)
25	44 <sup>1</sup>	126	45	23	Cement (million metric tons)
18	43 <sup>1</sup>	104	47	30	Trade and international reserves
24,361	46,695	15,400	20,200	2,070	Exports <sup>5</sup> (million US \$)
28,048	40,192	10,100 <sup>5</sup>	25,000	2,480	Imports <sup>7</sup> (million US \$)
3,087	6,503	700	600	490	Trade balance (million US \$)
5.6	23.3	2.2*	N.A.	0.8* <sup>6</sup>	International reserves (billion US \$)
					Indicators of living standards
274	324 <sup>1</sup>	541	700 <sup>10</sup>	239-245	Grain production (kilograms per capita)
38	58 <sup>1</sup>	55	49	N.A.	Meat production (kilograms per capita)
303	357	182	182	N.A.	Television receivers in use (units per thousand persons)
331 <sup>11</sup>	323 <sup>11</sup>	215	202	18*-10*	Radio receivers in use (units per thousand persons)
174	145	101	N.A.	N.A.	Consumer price index (1960 = 100)
200 <sup>8</sup>	240 <sup>118</sup>	65	81	N.A.	Telephones in use (units per thousand persons)
18	27	32*	N.A.	N.A.	Gross investment as a percent of GNP (1969-71 annual average) <sup>12</sup>

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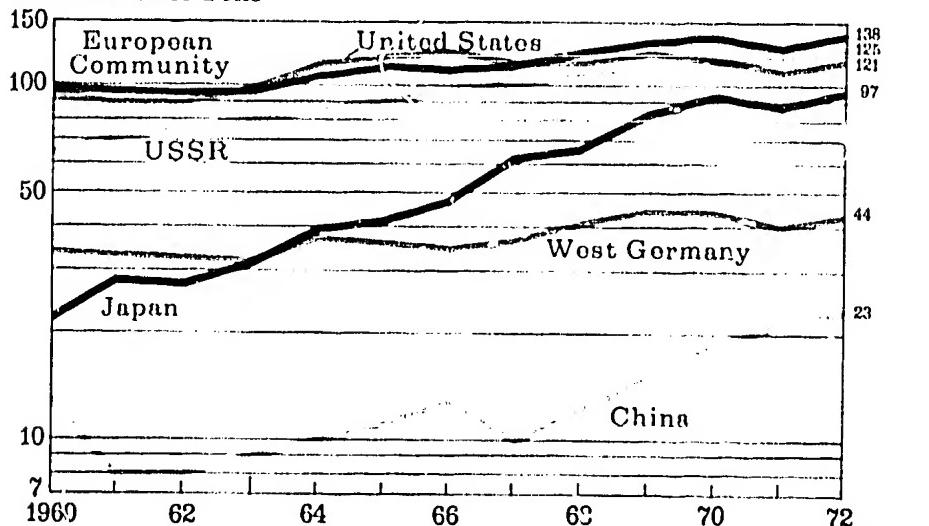
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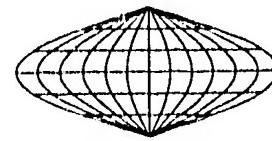
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Figure 15

**Production of Crude Steel****World****Trends**

Million Metric Tons

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- GROSS NATIONAL PRODUCT
- INTERNATIONAL RESERVES
- CURRENT ACCOUNT BALANCE
- BASIC BALANCE
- INDUSTRIAL PRODUCTION
- AGRICULTURAL PRODUCTION
- DEFENSE EXPENDITURES
- CONSUMER PRICE INDEX
- WHOLESALE PRICE INDEX
- EXCHANGE RATES
- POPULATION
- LABOR FORCE
- UNITED STATES:  
ECONOMIC DATA
- [REDACTED]
- EUROPEAN COMMUNITY:  
ECONOMIC DATA
- USSR: ECONOMIC DATA
- CHINA: ECONOMIC DATA
- FACTORS OF CONSUMPTION:  
US AND USSR

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Table 1  
Estimated Gross National Product at Market Prices<sup>1</sup>

	1960	1965	1970	1972	Billion 1971 US \$
World.....	2,140	2,740	3,500	3,810	
Developed Countries.....	1,400	1,800	2,260	2,460	
United States.....	690.7	874.8	1,022.5	1,118.1	
Australia <sup>2</sup> .....	22.9	29.2	37.7	40.5	
Canada.....	53.0	69.6	87.6	98.0	
Japan.....	84.3	135.7	241.2	279.5	
Sweden.....	24.6	31.3	38.0	38.8	
Switzerland.....	16.2	20.9	25.3	27.5	
European Community.....	464	586	739	791	
Belgium.....	18.8	24.1	30.5	33.0	
France.....	95.5	126.9	168.4	186.0	
Italy.....	61.8	80.0	106.7	111.5	
Netherlands.....	22.6	28.9	37.9	40.8	
United Kingdom.....	107.8	127.0	143.3	151.6	
West Germany <sup>3</sup> .....	142.5	180.1	229.0	242.5	
Less Developed Countries.....	219	283	379	425	
Communist Countries.....	522*	658*	861*	919*	
USSR and Eastern Europe.....	429*	557*	730*	779*	
USSR.....	311.0*	414.0*	551.0*	580.0*	
Eastern Europe.....	118	143	179	199	
Bulgaria.....	6.4	8.6	12.3	13.9	
Czechoslovakia.....	26.4	28.2	34.1	36.8	
East Germany.....	28.8	33.8	41.7	45.1	
Hungary.....	11.5	13.9	16.5	17.7	
Poland.....	30.5	39.2	48.4	54.6	
Romania.....	14.3	19.0	25.7	30.5	
Far East					
China.....	93 to 94	99 to 104	126 to 137	133 to 147	

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Data for the non-Communist countries were converted from national currencies at the new central or par value rates of exchange agreed to on 18 December 1971. Data for the Communist countries were converted at US purchasing power equivalents.

<sup>2</sup> Fiscal year ending 30 June of the stated year.

<sup>3</sup> Including data for West Berlin.

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Table 2

## Gross National Product in Purchasing Power Equivalents and Exchange Rate Equivalents

	Gross National Product, 1972 (Billion 1971 US \$)			National Currency per US \$		
	Purchasing Power Equivalents <sup>1</sup>	Central Rate <sup>2</sup>	Par Value Rate <sup>3</sup>	Purchasing Power Equivalents	Central Rate <sup>4</sup>	Par Value Rate <sup>5</sup>
<b>OECD</b>						
Belgium.....	39.5	33.0	29.6	37.48	44.8159	50
Denmark.....	18.6	19.0	17.7	7.133	6.98	7.50
France.....	211.2	186.0	171.3	4.506	5.1157 <sup>6</sup>	5.55419
Italy.....	119.9	111.5	103.7	540.8	581.5	625
Japan.....	299.3 <sup>7</sup>	279.5	239.1	287.6	308	360
Netherlands.....	42.2	40.8	36.6	3.136	3.2447	3.62
Norway.....	13.2	14.1	13.1	7.108	6.64539	7.14286
United Kingdom.....	172.0	151.6	139.6	0.3383	0.383772 <sup>6</sup>	0.416667
West Germany <sup>8</sup> .....	216.6	242.5	213.5	3.607	3.2225	3.66

<sup>1</sup> For the individual European OECD countries, the ratios for converting gross national product (GNP) in national currencies at 1971 prices into 1971 US dollars on the basis of US purchasing power equivalents are derived from the 1950 ratios in Milton Gilbert and Associates, Comparative National Products and Price Levels, OEEC, Paris, 1958, using the geometric mean of European and US weighted ratios. These 1950 ratios were moved to 1971 by applying the following factor: the derived price indexes for each European country for 1950-71 divided by a derived price index for the United States for 1950-71. These price indexes were derived for each country by dividing the growth of GNP in current prices by the growth of GNP in constant prices. The ratios thus obtained were applied to the GNP values, given in the national currencies in 1971 prices.

<sup>2</sup> GNP in national currencies converted to US dollars using central exchange rates.

<sup>3</sup> GNP in national currencies converted to US dollars using par value exchange rates.

<sup>4</sup> Exchange rate as of May 1972.

<sup>5</sup> Exchange rate as of April 1971.

<sup>6</sup> Par value rate.

<sup>7</sup> Converted at US purchasing power equivalents in approximately the same manner as the data for the European countries.

<sup>8</sup> Including data for West Berlin.

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Table 3

Gross National Product, by End Use, in the US and the USSR  
1971

	US	Billion 1971 US \$ <sup>1</sup> USSR	USSR as a Percent of US
Consumption.....	731.2	299.9*	41*
New fixed investment.....	181.6	186.6*	103*
Defense.....	70.0	70.3*	100*
Other.....	67.6	54.9*	81*
GNP.....	1,050.4	569.6* <sup>2</sup>	54*

<sup>\*</sup>An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> US market prices. Total Soviet gross national product (GNP) and the various end uses were converted to dollars not by the official rate of exchange but by the average purchasing power ratio of the dollar and the ruble calculated from actual or estimated prices paid for various goods and services in the two economies. For GNP as a whole and for each end use component of GNP, these average ratios (ruble-dollar ratios) were estimated by weighting individual price ratios by both US and Soviet expenditure weights. The geometric mean of the US weighted and Soviet weighted ratios was then used for the conversion of Soviet values into dollars.

The magnitudes for the Soviet end use components were calculated to measure quantity of output compared with the United States but not the cost in resources. The share of total economic resources devoted to a particular end use or the share of total output originating in an individual sector (for example, agriculture or industry) in the USSR should be measured in internal ruble prices and costs. Agriculture alone, for example, used 29% of the labor force, or 37 million people, as a result of the inefficiency of that sector in the USSR.

The adjusted end uses of GNP are defined as follows:

(1) Consumption comprises personal expenditures for goods and services for all purposes and noninvestment outlays by government for goods and services for health and education. (The personal consumption expenditures for the United States are \$664.9 billion.)

(2) Investment is defined (a) for both the United States and the USSR as the sum of expenditures for gross private domestic investment net of inventories; for public construction other than that for defense facilities; for equipment purchased by the government except that for defense; and for defense stockpiling and defense-production expansion; and (b) for the United States, as also including expenditures by state and local government for development of atomic energy. (The gross private domestic investment for the United States is \$152.0 billion.)

(3) Defense as a component of GNP comprises government purchases of goods and services for the military services, federal government expenditures on atomic energy development, and outlays on space research and technology. Defense excludes stockpiling activities and net military grants for foreign military assistance. (The federal government purchases of goods and services for national defense, excluding purchases by NASA, for the United States are \$71.4 billion.)

(4) Other for the USSR includes expenditures on civil space programs, inventory change, administration, net exports, and a statistical discrepancy. Administration includes expenditures on civilian internal security, general agricultural programs, public organizations, government administration, and social welfare. Other for the United States includes administration, net exports and military assistance, change in inventories and stockpiles, and a statistical discrepancy. Administration is the residual left after all current expenditures for national defense, health, education, and all capital expenditures are subtracted from government purchases of goods and services. (There is no equivalent category for the unadjusted data for the United States.)

<sup>2</sup> The sum of the end use components of Soviet GNP, valued in dollars, does not equal the dollar value of aggregate GNP, because of the use of average ruble-dollar ratios in converting from ruble values to dollar values. Nevertheless, the individual end use components were not adjusted to agree with the total, since the US-USSR comparisons shown are believed to give the best available description of relative size.

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Table 4

International Reserves<sup>1</sup>

Million US \$

	1960	1965	1970	1972
<b>OECD</b>				
United States.....	19,359	15,450	14,487	13,150
Australia.....	855	1,493	1,093	6,141
Austria.....	716	1,305	1,751	2,719
Canada.....	1,991	3,037	4,670	6,050
Japan.....	1,949	2,152	4,840	18,365
Portugal.....	637	938	1,504	2,312
Spain.....	541	1,422	1,817	5,014
Switzerland.....	2,324	3,444	5,132	7,488
<b>European Community</b>				
Belgium.....	1,506	2,334	2,847	3,870
France.....	2,272	6,343	4,960	10,015
Italy.....	3,251	4,800	5,352	6,079
Netherlands.....	1,863	2,416	3,234	4,785
United Kingdom.....	3,719	3,004	2,827	5,645
West Germany.....	7,032	7,430	13,610	23,202
<b>Latin America</b>				
Brazil.....	345	484	1,187	4,183
<b>Middle East</b>				
Kuwait.....	N.A.	930	1,380	2,200
Saudi Arabia.....	185	726	662	2,512
<b>Africa</b>				
Libya.....	82	246	1,590	2,925
<b>Communist Countries</b>				
USSR.....	2,470*	1,010*	1,780*	2,210*
China.....	420*	450*	720*	760* <sup>2</sup>
Yugoslavia.....	13	103	140	730

<sup>\*</sup>An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Including gold and foreign exchange. Data for the non-Communist countries also include Special Drawing Rights and the reserve position in the International Monetary Fund. Data before 1972 for the non-Communist countries are expressed in terms of US dollars at the official par values and, beginning in 1972, reflect the realignment of the exchange rates agreed to on 18 December 1971 and the revaluation of the dollar price of gold.

<sup>2</sup> Data are for 1971.

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Table 5

	Current Account Balance <sup>1</sup>			
	Million US \$			
	1960	1965	1970	1972
<b>OECD</b>				
United States.....	3,470	3,070	2,080	5,770
Canada.....	1,208	959	1,185	302
Japan.....	224	1,028	2,149	6,988
<b>European Community</b>				
Belgium <sup>2</sup> .....	102	152	744	N.A.
Denmark.....	62	174	544	100 <sup>3</sup>
France.....	855 <sup>4</sup>	823 <sup>4</sup>	69	880
Ireland.....	2	114	100	140
Italy.....	372	2,353	761	2,740
Netherlands.....	345	24	497	1,007
United Kingdom.....	478	358	2,047	545
West Germany.....	1,070	1,081	681	532

<sup>1</sup> Unless otherwise indicated, data exclude government grants.<sup>2</sup> Including data for Luxembourg.<sup>3</sup> Including government grants.<sup>4</sup> Balance between France and non-franc countries.

Table 6

	Basic Balance			
	Million US \$			
	1960	1965	1970	1972
<b>OECD</b>				
United States.....	-1,174	-1,846	-3,059	-9,243
Canada.....	-250	-400	1,806	1,411
Japan.....	72	517	379	2,184
<b>European Community</b>				
Belgium <sup>12</sup> .....	210	176	464	N.A.
Denmark <sup>2</sup> .....	-25	20	6	N.A.
France.....	906 <sup>3</sup>	1,052 <sup>3</sup>	-101	-432
Ireland.....	-3	-100	-34	N.A.
Italy <sup>4</sup> .....	606	2,480	2,047	2,040
Netherlands.....	-164	-48	507	868
United Kingdom.....	-1,280	-773	1,104	-2,048
West Germany.....	1,444	?	2,175	6,472

<sup>1</sup> Including data for Luxembourg.<sup>2</sup> Overall balance including errors and omissions.<sup>3</sup> Balance between France and non-franc countries.<sup>4</sup> Excluding some long-term investment resulting from use of repatriated Italian banknotes.UNCLASSIFIED  
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Table 7

Index of Industrial Production<sup>1</sup>

	1960 = 100				Average Annual Rate of Growth <sup>2</sup> (Percent)		
	1960	1965	1970	1972 <sup>3</sup>	1961-65	1966-70	1972 <sup>3</sup>
<b>OECD</b>							
United States.....	100	135	161	173	6.2	3.6	7.5
Canada.....	100	140	181	201	7.0	5.3	6.3
Japan.....	100	172	352	388	11.5	15.4	7.2
European Community							
France.....	100	128	176	200	5.1	6.6	6.0
Italy.....	100	139	197	197	6.8	7.2	2.7
United Kingdom.....	100	116	132	137	3.0	2.6	3.2
West Germany.....	100	132	176	186	5.7	5.9	3.0
Communist Countries							
USSR and Eastern Europe							
USSR <sup>4</sup> .....	100*	130*	190*	211*	6.8*	6.5*	5.0*
Eastern Europe.....	100	133	186	210	5.9	6.9	6.4
Bulgaria.....	100	174	293	344	11.7	11.0	7.2
Czechoslovakia.....	100	120	156	172	3.7	5.4	4.3
East Germany.....	100	119	155	172	3.5	5.4	5.5
Hungary.....	100	139	178	197	6.8	5.1	4.0
Poland.....	100	139	195	228	6.8	7.0	9.0
Romania.....	100	107	274	326	10.8	10.4	9.5
Far East							
China <sup>5</sup> .....	100	92-99	129-148	157-183	2 to 0	7 to 8	8 to 9
Other							
Yugoslavia.....	100	164	223	266	10.4	6.3	8.0

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Indexes for the non-Communist countries are value-added weighted indexes of intermediate and final products of industry. Industry includes manufacturing and mining and, in most countries, public utilities. The indexes for the Communist countries are estimates of this Office—constructed as nearly as possible on the same basis as the indexes for Western countries—or other calculations accepted by this Office. The indexes for the Communist countries include manufacturing, mining, and public utilities.

<sup>2</sup> The base year is the year prior to the stated period.

<sup>3</sup> Preliminary.

<sup>4</sup> Index of gross values for individual commodities and branches aggregated by 1968 value-added weights. The three sectors covered—materials, machinery, and nondurable consumer goods—constitute 50.14%, 30.11%, and 19.75%, respectively, of the value-added weights for industrial production. This index is as comparable as data will permit with the index of US industrial production of the US Federal Reserve Board.

<sup>5</sup> Estimates of this Office computed by applying value-added weights to data for commodity production. The data are fragmentary and uncertain; therefore, the index should be regarded as providing only a tentative indication of the general level and trend in production.

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Table 8  
Official Communist Indexes of Gross Industrial Production<sup>1</sup>

	1960 = 100				Average Annual Rate of Growth <sup>2</sup> (Percent)		
	1960	1965	1970	1972	1961-65	1966-70	1972
<b>Communist Countries</b>							
USSR and Eastern Europe							
USSR.....	100	151	227	261	8.6	8.5	6.5
Eastern Europe							
Bulgaria.....	100	174	293	349	11.7	11.0	9.4
Czechoslovakia.....	100	130	180	204	5.4	6.7	6.4
East Germany.....	100	133	183	205	5.9	6.6	6.2
Hungary.....	100	145	106	216	7.7	6.2	5.6
Poland.....	100	150	223	266	8.4	8.3	10.7
Romania.....	100	191	334	417	13.8	11.8	11.7
Far East							
North Korea.....	100	198	332	N.A.	14.6	10.9	N.A.
North Vietnam.....	100	184	157 <sup>3</sup>	N.A.	13.0	-3.1 <sup>3</sup>	N.A.
Other							
Albania <sup>4</sup> .....	100	139	254 <sup>3</sup>	310 <sup>3</sup>	6.8	12.8 <sup>3</sup>	10.0 <sup>3</sup>

<sup>1</sup> These indexes are measures of the "gross" value of production of industry at constant prices. The gross value of production is, in general, the sum of the value of output of all industrial enterprises. The definition of industry in Communist countries includes not only manufacturing, mining, and public utilities, as in most Western definitions of industry, but also certain other activities (varying from country to country).

<sup>2</sup> The base year is the year prior to the stated period.

<sup>3</sup> Estimated.

<sup>4</sup> Socialized industry only.

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Table 10  
Defense Expenditures as a Share of Gross National Product

		Percent	1965	1968	1969	1970
OECD <sup>1</sup>						
Australia.....			3.7	3.0	4.3	4.0
Austria.....			1.3	1.3	1.3	1.2
Belgium.....			3.0	2.9	2.7	2.8
Canada.....			3.2	2.7	2.4	2.4
Denmark.....			2.9	2.8	2.5	2.3
Finland.....			1.7	2.0	1.5	1.4
France.....			5.5	4.8	4.4	4.1
Greece.....			5.4	4.8	5.1	5.2
Ireland.....			1.2	1.0	1.1	0.9
Italy.....			3.4	3.0	2.8	2.7
Japan.....			0.9	0.8	0.8	0.8
Luxembourg.....			1.7	1.0	1.0	0.8
Netherlands.....			3.9	3.6	3.6	3.5
Norway.....			3.7	3.7	3.6	3.5
Portugal.....			6.3	7.4	6.8	6.9
Spain.....			2.6	3.6	3.3	3.6
Sweden.....			4.4	3.7	3.0	3.6
Switzerland.....			2.6	2.1	2.2	2.1
Turkey.....			5.2	4.9	4.7	4.8
United Kingdom.....			5.9	5.4	5.0	5.0
United States <sup>2</sup> .....			7.8	9.7	8.8	7.8
West Germany <sup>3</sup> .....			4.4	3.6	3.7	3.3
Communist Countries						
USSR and Eastern Europe						
USSR <sup>4</sup> .....			6.9*	6.4*	6.3*	6.0*
Eastern Europe <sup>5</sup>						
Bulgaria.....			2.5*	N.A.	N.A.	2.5*
Czechoslovakia.....			4.4*	N.A.	N.A.	5.0*
East Germany.....			4.0*	N.A.	N.A.	5.1*
Hungary.....			3.3*	N.A.	N.A.	4.1*
Poland.....			4.9*	N.A.	N.A.	6.1*
Romania.....			2.2*	N.A.	N.A.	2.5*
Other						
Yugoslavia <sup>1</sup> .....			2.7	2.8	3.3	3.5

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Except for the United States, data are from the United States Arms Control and Disarmament Agency, *World Military Expenditures, 1971*, Washington, D.C., July 1972. Based on the ratio of military expenditures to gross national product (GNP) at current market prices. Military expenditures are for current and capital expenditures to meet the needs of the armed forces including: expenditures of national defense agencies for military programs; expenditures for the military components of such mixed activities as atomic energy, space, and research and development; military assistance to foreign countries; and expenditures on paramilitary forces where they contribute substantially to a country's military capabilities.

<sup>2</sup> Based on the ratio of military expenditures to GNP in constant 1971 prices.

<sup>3</sup> Including data for West Berlin.

<sup>4</sup> Based on the ratio of military expenditures to GNP in constant 1968 prices.

<sup>5</sup> Based on the ratio of military expenditures to GNP in constant 1960 prices.

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	Consumer Price Index			
	1960	1965	1970	1972
<b>OECD</b>				<b>1960 = 100</b>
United States.....	100	107	131	141
Canada.....	100	108	131	141
Japan.....	100	134	175	194
<b>European Community</b>				
Belgium.....	100	113	135	148
France.....	100	120	149	167
Italy.....	100	127	146	162
Netherlands.....	100	119	152	176
United Kingdom.....	100	119	149	174
West Germany.....	100	115	131	145
<b>Communist Countries</b>				
USSR <sup>1</sup> .....	100	101	101	101
<b>Eastern Europe<sup>2</sup></b>				
Bulgaria <sup>3</sup> .....	100	106	109	110
Czechoslovakia.....	100	103	111	111 <sup>4</sup>
East Germany.....	100	100	100	100 <sup>4</sup>
Hungary.....	100	103	108	113
Poland.....	100	111	120	N.A.
Romania <sup>4</sup> .....	100	107	115	116 <sup>4</sup>
<b>Other</b>				
Yugoslavia.....	100	190	312	422

<sup>1</sup> Average of the official state retail price index and the collective farm market price index weighted by their respective shares of retail purchases in 1960. Although the index does not reflect changes in prices of everything purchased by consumers (the official state retail price index does not include costs of housing and most consumer services such as laundry, transportation, recreation, household operation, and communications), the index since 1960 is a good representation of a consumer price index because prices of services were essentially constant during this period.

<sup>2</sup> All the indexes are highly suspect—particularly those for East Germany.

<sup>3</sup> Estimated.

<sup>4</sup> Data are for 1971.

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Table 12

## Wholesale Price Index

	1960	1965	1970	1972	1960 = 100
<b>OECD</b>					
United States.....	100	102	116	125	
Canada.....	100	108	124	134	
Japan.....	100	102	114	114	
European Community					
Belgium.....	100	100	122	126	
France <sup>1</sup> .....	100	110	130	142	
Italy.....	100	114	129	139	
Netherlands <sup>2</sup> .....	100	111	124	132	
United Kingdom <sup>3</sup> .....	100	113	135	154	
West Germany.....	100	107	110	119	
Communist Countries					
USSR <sup>4</sup> .....	100	98	106	N.A.	
Eastern Europe					
Czechoslovakia <sup>4</sup> .....	100	106	148	149 <sup>5</sup>	
Hungary <sup>6</sup> .....	100 <sup>7</sup>	92 <sup>8</sup>	102	106	
Other					
Yugoslavia <sup>9</sup> .....	100	127	163	210	

<sup>1</sup> Intermediate goods prices.<sup>2</sup> Industrial goods prices.<sup>3</sup> Industrial goods prices, including turnover tax.<sup>4</sup> Assumed to include turnover tax.<sup>5</sup> Data are for 1971.<sup>6</sup> Producers' goods prices, excluding turnover tax.<sup>7</sup> Data are for 1959.<sup>8</sup> Data are for January 1967.<sup>9</sup> Industrial goods prices, excluding turnover tax.

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Table 13

Exchange Rates for Currencies of the Communist Countries  
as of 1 April 1973

	Unit of Currency	Exchange Rate			
		In Terms of US \$1 <sup>1</sup>		In Terms of 1 Ruble	
		Commercial Rate <sup>2</sup>	Noncommercial Rate <sup>3</sup>	Commercial Rate <sup>2</sup>	Noncommercial Rate <sup>3</sup>
USSR.....	Ruble.....	0.75	0.75		
Eastern Europe					
Bulgaria.....	Lev.....	0.98	1.65	1.3	0.78
Czechoslovakia.....	Koruna.....	5.80	15.00 <sup>4</sup>	8.0	9.06
East Germany.....	Deutsche Mark East.....	2.80 <sup>5</sup>	2.80	4.67 <sup>5</sup>	3.20
Hungary.....	Forint.....	0.72	24.8	13.04	13.11
Poland.....	Zloty.....	3.32	19.92	4.44	15.32
Romania.....	Leu.....	4.97	16.00 <sup>4</sup>	6.67	8.31
Far East					
China.....	Yuan.....	2	2	N.A.	N.A.
North Korea.....	Won.....	2.37 <sup>6</sup>	2.37 <sup>6</sup>	N.A.	N.A.
North Vietnam.....	Dong.....	2.8	N.A.	N.A.	N.A.
Other					
Albania.....	Lek.....	5 <sup>4</sup>	12.5 <sup>4</sup>	5.56	8.4
Cuba.....	Peso.....	1.21	1.21	1.11	1.11
Mongolia.....	Tugrik.....	3.31	N.A.	N.A.	N.A.
Yugoslavia.....	Dinar.....	17.0	17.0	16.7	16.7

<sup>1</sup> Since the December 1971 devaluation of the US dollar, the Communist countries have frequently adjusted their exchange rates relative to the dollar. Changes in the exchange rates reflect the position of the dollar relative to other Western currencies.<sup>2</sup> Official rates unless otherwise indicated. These rates are used for converting trade statistics.<sup>3</sup> Rates used for noncommercial transactions such as diplomatic, tourist, and student expenditures; personal remittances; and the like. Some countries have special rates for tourists and personal remittances in addition to the noncommercial rate.<sup>4</sup> Pre-1973 devaluation rate—the postdevaluation rate is unknown.<sup>5</sup> The unofficial rates actually used in East German accounting of foreign trade transactions. Official rates still listed, but not used, are 2.05 DME to US \$1 and 2.47 DME to 1 ruble.<sup>6</sup> Based on the cross rate of exchange between the won and the Japanese yen in early 1972.

Table 14

Currency Movements from Smithsonian Rates

Smithsonian Rate (Units per US\$1)	Percent Change During 1973								
	16 March	30 March	13 April	27 April	11 May	25 May	8 June	22 June	
<b>Currencies in European float</b>									
Belgian franc.....	44.82	+13.83	+12.08	+11.89	+11.21	+12.11	+15.25	+18.39	+20.23
Danish krone.....	6.98	+13.68	+12.50	+12.52	+11.79	+11.79	+15.14	+18.49	+20.34
French franc.....	5.12	+13.08	+12.80	+12.59	+11.12	+11.88	+14.73	+18.48	+21.41
German deutsche mark....	3.22	+14.80	+13.58	+13.79	+13.60	+13.59	+16.76	+22.91	+26.60
Netherlands guilder.....	3.24	+12.76	+10.27	+10.30	+9.54	+10.41	+13.37	+16.81	+19.93
Norwegian krone.....	6.65	+12.03	+12.59	+12.73	+11.83	+12.69	+16.28	+19.46	+21.74
Swedish krona.....	4.81	+0.14	+7.10	+6.83	+6.35	+6.73	+9.06	+13.57	+14.66
<b>Major independently floating currencies</b>									
Japanese yen.....	581.5	+1.57	+0.52	-0.92	-1.51	-1.57	-1.22	-3.38	-2.84
Swiss franc.....	308	+19.38	+15.82	+15.88	+16.07	+16.11	+16.38	+16.45	+16.17
UK pound.....	3.84	+18.70	+18.57	+18.82	+18.47	+18.66	+23.00	+24.88	+26.49
	0.384	-5.36	-4.91	-4.73	-4.53	-3.07	-2.52	-1.19	-1.23

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Table 15

## Estimated Population

## Million Persons at Midyear

	1950	1955	1960	1965	1970	1972	1973
OECD.....	563	599	638	677	711	724	731
United States.....	152.3	165.0	180.7	194.3	204.9	208.8	210.5
Australia.....	8.2	9.2	10.3	11.4	12.5	13.0	13.2
Austria.....	6.9	7.0	7.1	7.2	7.4	7.5	7.5
Canada.....	13.7	15.7	17.0	19.7	21.3	21.8	22.2
Finland.....	4.0	4.2	4.4	4.6	4.7	4.6	4.6
Greece.....	7.6	8.0	8.3	8.6	8.8	8.9	8.9
Iceland.....	0.1	0.2	0.2	0.2	0.2	0.2	0.2
Japan.....	82.9	89.0	93.2	98.0	103.4	106.0	107.3
Norway.....	3.3	3.4	3.6	3.7	3.9	3.9	4.0
Portugal.....	8.4	8.6	8.9	9.1	8.9	8.9	8.9
Spain.....	27.9	29.0	30.3	32.1	33.8	34.4	34.6
Sweden.....	7.0	7.3	7.5	7.7	8.0	8.1	8.1
Switzerland.....	4.7	5.0	5.4	6.0	6.3	6.4	6.4
Turkey.....	20.8	23.0	27.5	31.2	35.4	37.2	38.2
European Community.....	215.6	223.0	232.4	243.6	251.5	254.7	256.4
Belgium.....	8.6	8.9	9.2	9.5	9.7	9.7	9.7
Denmark.....	4.3	4.4	4.6	4.8	4.9	5.0	5.0
France.....	41.7	43.4	45.7	48.8	50.8	51.7	52.2
Ireland.....	3.0	2.9	2.8	2.9	3.0	3.0	3.1
Italy.....	47.1	48.7	50.3	51.9	53.6	54.2	54.6
Luxembourg.....	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Netherlands.....	10.1	10.8	11.5	12.3	13.0	13.3	13.5
United Kingdom.....	50.6	51.2	52.6	54.4	55.5	55.8	56.0
West Berlin.....	2.1	2.2	2.2	2.2	2.1	2.1	2.1
West Germany <sup>1</sup> .....	47.8	50.2	53.2	56.5	58.0	59.6	59.9
Communist Countries.....	863	950	1,050	1,138	1,248	1,297	1,322
USSR and Eastern Europe.....	269	289	311	331	346	352	355
USSR.....	180.1	196.2	214.3	230.9	242.8	247.5	250.0
Eastern Europe.....	88.5	92.9	96.5	99.8	102.9	104.2	104.9
Bulgaria.....	7.3	7.5	7.9	8.2	8.5	8.6	8.7
Czechoslovakia.....	12.4	13.1	13.7	14.1	14.3	14.5	14.6
East Germany.....	18.4	17.8	17.1	17.0	17.1	17.0	17.1
Hungary.....	9.3	9.8	10.0	10.2	10.3	10.4	10.4
Poland.....	24.8	27.3	29.6	31.2	32.5	33.0	33.3
Romania.....	16.3	17.3	18.4	19.0	20.3	20.7	20.9
Far East.....	571	634	711	777	870	912	934
China.....	547	611	685	747	837	878	899
North Korea.....	9.2	8.9	10.6	12.2	14.2	15.1	15.5
North Vietnam.....	14.7	14.9	16.0	18.0	19.3	19.7	19.9
Other.....	23.8	26.0	28.0	30.3	32.3	33.1	33.5
Albania.....	1.2	1.4	1.6	1.9	2.1	2.3	2.3
Cuba.....	5.5	6.2	7.1	7.9	8.5	8.8	8.9
Mongolia.....	0.8	0.8	1.0	1.1	1.2	1.3	1.4
Yugoslavia.....	16.3	17.5	18.4	19.4	20.4	20.7	20.9

<sup>1</sup> Excluding data for West Berlin.

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Table 16

Labor Force<sup>1</sup>

Million Persons at Midyear

	1960	1965	1970	1972
United States <sup>2</sup> .....	72.1	77.2	85.9	89.0
Communist Countries				
USSR and Eastern Europe.....	159	168	176	181
USSR <sup>3</sup> .....	110.6	117.9	124.2	128.1
Eastern Europe.....	48.2	49.7	52.1	53.0
Bulgaria.....	4.42	4.26	4.49	4.00
Czechoslovakia.....	6.40	6.77	7.26	7.39
East Germany.....	8.51	8.39	8.44	8.48
Hungary.....	4.74	4.78	5.01	5.07
Poland.....	14.13	15.21	16.35	16.76
Romania.....	10.00	10.27	10.56	10.72
Far East				
China <sup>4</sup> .....	307	328	N.A.	N.A.
North Korea <sup>4</sup> .....	4.6	5.3	5.9	6.4
North Vietnam <sup>4</sup> .....	8.2	9.4	9.7	10.0
Other				
Albania.....	0.73	0.82	0.94	1.00
Yugoslavia.....	8.27	8.77	8.78	8.88

<sup>1</sup> Unless otherwise indicated, data include the armed forces and the unemployed.<sup>2</sup> Annual averages of monthly data.<sup>3</sup> Excluding militarized security forces. Adjusted annual average.<sup>4</sup> Excluding the armed forces.

Table 17

Nonagricultural Labor Force<sup>1</sup>

Million Persons at Midyear

	1960	1965	1970	1972
United States <sup>2</sup> .....	60.3	66.7	75.2	78.2
Communist Countries				
USSR and Eastern Europe.....	91.4	107	122	129
USSR <sup>3</sup> .....	64.0	75.5	86.7	92.2
Eastern Europe.....	27.4	31.1	35.2	36.7
Bulgaria.....	1.93	2.34	2.87	3.06
Czechoslovakia.....	4.71	5.30	5.87	6.04
East Germany.....	6.95	7.00	7.38	7.46
Hungary.....	2.99	3.35	3.75	3.91
Poland.....	7.47	8.82	10.22	10.73
Romania.....	3.37	4.31	5.08	5.54
Far East				
China <sup>4</sup> .....	53	47	N.A.	N.A.
North Korea <sup>4</sup> .....	2.1	2.6	3.0	3.3
North Vietnam <sup>4</sup> .....	1.8	2.4	2.9	3.2
Other				
Albania.....	0.22	0.27	0.40	0.46
Yugoslavia.....	3.50	4.30	4.79	5.06

<sup>1</sup> Unless otherwise indicated, data include the armed forces.<sup>2</sup> Civilian employment. The data are annual averages of monthly data that exclude the armed forces.<sup>3</sup> Excluding militarized security forces. Adjusted annual average.<sup>4</sup> Excluding the armed forces.

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Table 18

Industrial Labor Force<sup>1</sup>

	Million Persons at Midyear			
	1960	1965	1970	1972
United States <sup>2</sup> .....	17.5	18.7	20.0	19.5
Communist Countries				
USSR and Eastern Europe.....	35.5	41.9	48.0	49.6
USSR <sup>3</sup> .....	22.6	27.4	31.6	32.4
Eastern Europe.....	12.9	14.5	16.4	17.2
Bulgaria.....	0.93	1.12	1.32	1.39
Czechoslovakia.....	2.38	2.59	2.76	2.82
East Germany.....	3.49	3.42	3.55	3.57
Hungary.....	1.37	1.58	1.88	1.98
Poland.....	3.19	3.87	4.55	4.83
Romania.....	1.58	1.96	2.37	2.64
Far East				
North Vietnam.....	0.5	0.9	1.0	1.0
Other				
Albania.....	0.09	0.11	0.18	0.20
Yugoslavia.....	1.50	1.83	1.98	2.07

<sup>1</sup> Including employment in manufacturing, mining, and electric power.<sup>2</sup> Annual averages of monthly employment data.<sup>3</sup> Adjusted annual average.

Table 19

Agricultural Labor Force<sup>1</sup>

	Million Persons at Midyear			
	1960	1965	1970	1972
United States <sup>2</sup> .....	7.06	5.81	4.52	4.39
Communist Countries				
USSR and Eastern Europe.....	67.4	60.9	54.4	52.3
USSR <sup>3</sup> .....	46.6	42.3	37.5	36.0
Eastern Europe.....	20.8	18.6	16.9	16.3
Bulgaria.....	2.49	1.93	1.82	1.53
Czechoslovakia.....	1.68	1.48	1.39	1.36
East Germany.....	1.56	1.38	1.06	1.03
Hungary.....	1.75	1.42	1.26	1.16
Poland.....	6.66	6.39	6.13	6.03
Romania.....	6.62	5.97	5.48	5.18
Far East				
China.....	254	281	N.A.	N.A.
North Korea.....	2.5	2.7	2.8	3.1
North Vietnam.....	6.4	7.0	6.8	6.8
Other				
Albania.....	0.51	0.55	0.54	0.55
Yugoslavia.....	4.78	4.47	3.99	3.82

<sup>1</sup> Excluding the armed forces.<sup>2</sup> Data are for civilian employment and are based on data published by the US Department of Agriculture.<sup>3</sup> Excluding militarized security forces.

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Table 20

## United States: Selected Economic Data

	Unit of Measure	1960	1965	1970	1972
Aggregate data					
Gross national product.....	Billion 1971 US \$.....	691	875	1,022	1,118
Index of industrial production.....	1960 = 100.....	100	135	161	173
Total population (midyear).....	Million persons.....	181	194	205	209
Labor force <sup>1</sup> .....	Million persons.....	72.1	77.2	85.9	89.0
Fuels and power					
Primary energy (coal equivalents <sup>2</sup> )..	Billion metric tons.....	1.43	1.72	2.17	2.18
Electric power (gross).....	Trillion kilowatt-hours....	0.89	1.23	1.74	1.97
Crude oil.....	Million metric tons.....	348	385	475	467
Metals					
Crude steel <sup>3</sup> .....	Million metric tons.....	90.1	119.0	119.1	120.7
Rolled steel.....	Million metric tons.....	69.4	90.1	82.4	83.3
Refined copper <sup>4</sup> .....	Million metric tons.....	1.64	1.96	2.03	2.01
Primary aluminum.....	Million metric tons.....	1.83	2.50	3.61	3.74
Agriculture					
Grain <sup>5</sup> .....	Million metric tons.....	181	183	187	228
Meat <sup>6</sup> .....	Million metric tons.....	12.8	14.3	16.4	16.8
Manufactured items					
Sulfuric acid (100%).....	Million metric tons.....	16.2	22.5	26.8	28.2
Mineral fertilizer (nutrients) <sup>7</sup> .....	Million metric tons.....	7.41	11.93	15.79	16.71
Cotton fabrics.....	Billion linear meters.....	8.56	8.47	5.85	5.25
Rayon and acetate fabrics.....	Billion linear meters.....	1.31	1.65	1.23	1.13
Metalcutting machine tools.....	Thousand units.....	42.9	68.0	49.3	41.6
Cement.....	Million metric tons.....	56.1	65.1	67.4	75.0
Passenger automobiles <sup>8</sup> .....	Million units.....	6.67	9.31	6.55	8.82
Semiconductors <sup>9</sup> .....	Billion units.....	0.31	1.52	3.08	3.86
Radio receivers.....	Million units.....	18.0	25.7	17.8	21.3
Television receivers.....	Million units.....	5.83	11.03	9.48	13.51
Trade					
Imports (c.i.f.).....	Billion US \$.....	16.4	23.2	42.4	58.9
Exports (f.o.b.) <sup>10</sup> .....	Billion US \$.....	19.7	26.8	42.7	49.2

<sup>1</sup> Including the armed forces and the unemployed. Data are annual averages of monthly data.<sup>2</sup> Energy expressed in coal equivalents has a calorific value of 7,000 kilocalories per kilogram.<sup>3</sup> Excluding steel for castings made in foundries operated by companies not producing ingots.<sup>4</sup> Including production from secondary plants and copper refined by manufacturers for their own use.<sup>5</sup> Data are for barley, corn (excluding silage and forage), oats, rice, rye, sorghum for grain, and wheat.<sup>6</sup> Data are on a carcass weight, bone-in basis, and are for beef, veal, pork, mutton, lamb, and goat.<sup>7</sup> Data are for "fertilizer years" beginning 1 July of the stated year.<sup>8</sup> Factory sales.<sup>9</sup> Semiconductor diodes; rectifiers; transistors; and, in 1972, integrated circuits.<sup>10</sup> Excluding Department of Defense shipments.

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Table 22

## European Community: Selected Economic Data

	Unit of Measure	1960	1965	1970	1972
<b>Aggregative data</b>					
Gross national product <sup>1</sup> .....	Billion 1971 US \$.....	464	586	730	791
Total population (midyear).....	Million persons.....	232.4	243.6	251.5	254.7
<b>Fuels and power</b>					
Primary energy (coal equivalents <sup>2</sup> ).....	Million metric tons.....	555	565	557	583
Electric power (gross).....	Billion kilowatt-hours.....	426	614	850	958
Hard coal.....	Million metric tons.....	432	409	310	208
Brown coal and lignite.....	Million metric tons.....	102	108	112	114
Crude oil.....	Million metric tons.....	11.6	15.6	13.2	11.4
<b>Minerals and metals</b>					
Crude steel.....	Million metric tons.....	97.9	114	138	138
Pig iron.....	Million metric tons.....	70.3	81.0	98.2	96.3
Iron ore.....	Million metric tons.....	107	90.4	80.9	72.3
Refined copper.....	Thousand metric tons.....	798	904	997	921
Primary aluminum.....	Thousand metric tons.....	520	735	952	1,200
<b>Agriculture</b>					
Grain <sup>3</sup> .....	Million metric tons.....	68.8	81.0	87.9	103
Potatoes.....	Million metric tons.....	61.3	47.5	46.1	42.1
Meat <sup>4</sup> .....	Million metric tons.....	10.2	11.9	13.1	13.4
Cattle (beginning of year).....	Million head.....	65.6	68.0	71.9	74.0
<b>Manufactured items</b>					
Sulfuric acid (100%).....	Million metric tons.....	12.7	15.8	18.4	18.6
Mineral fertilizer (nutrients).....	Million metric tons.....	10.4	13.3	15.3	15.5 <sup>5</sup>
Cement.....	Million metric tons.....	77.4	107	132	141
Passenger automobiles.....	Million units.....	4.92	7.13	9.66	10.5
<b>Transportation and trade</b>					
Railroad freight traffic.....	Billion metric ton-kilometers.....	168	175	199	183
Imports (c.i.f.).....	Billion US \$.....	45.1	69.2	116	155
Exports (f.o.b.).....	Billion US \$.....	42.3	64.7	113	155

<sup>1</sup> Converted at central exchange rates.<sup>2</sup> Energy expressed in coal equivalents has a calorific value of 7,000 kilocalories per kilogram.<sup>3</sup> Data are for barley, corn, oats, rice, rye, and wheat where they are produced.<sup>4</sup> Data are on a carcass weight, bone-in basis, and are for beef, veal, pork, lamb, mutton, goat, and (except for the United Kingdom) horsemeat.<sup>5</sup> Data are for 1971.

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Table 23

## USSR: Selected Economic Data

	Unit of Measure	1960	1965	1970	1972
<b>Aggregative data</b>					
Gross national product <sup>1</sup> .....	Billion 1971 US \$.....	311*	414*	551*	580*
Index of industrial production.....	1960=100.....	100*	139*	190*	211*
Total population (midyear).....	Million persons.....	214	231	243	248
Labor force (midyear) <sup>2</sup> .....	Million persons.....	111	118	124	128
<b>Fuels and power</b>					
Primary energy (coal equivalents) <sup>3</sup> ....	Billion metric tons.....	0.00	0.04	1.22	1.32
Electric power (gross).....	Billion kilowatt-hours.....	292	507	741	858
Hard coal.....	Million metric tons.....	356	398	433	451
Crude oil.....	Million metric tons.....	147	242	349	394
Natural gas <sup>4</sup> .....	Billion cubic meters.....	45.3	127.7	197.9	221.0
<b>Minerals and metals</b>					
Crude steel.....	Million metric tons.....	65.3	91.0	115.9	126.0
Rolled steel.....	Million metric tons.....	51.0	70.9	92.5	99.5
Pig iron.....	Million metric tons.....	46.8	66.2	85.9	92.3
Iron ore.....	Million metric tons.....	106	153	195	208
Refined copper.....	Million metric tons.....	0.49	0.77	1.10	1.25
Primary aluminum.....	Million metric tons.....	0.63	1.00	1.72*	1.87*
Lead.....	Thousand metric tons.....	324	433	507	650
<b>Agriculture</b>					
Grain <sup>5</sup> .....	Million metric tons.....	93	100	150	134
Meat <sup>6</sup> .....	Million metric tons.....	8.68	9.90	12.28	13.58
Milk.....	Million metric tons.....	61.7	72.6	83.0	83.2
Fish catch.....	Million metric tons.....	3.54	5.77	7.89	8.25
Cattle (beginning of year).....	Million head.....	74.2	87.2	95.2	102.4
<b>Manufactured items</b>					
Sulfuric acid (100%).....	Million metric tons.....	5.40	8.52	12.06	13.70
Mineral fertilizer (nutrients).....	Million metric tons.....	3.28	7.39	13.10	15.94
Metalcutting machine tools.....	Thousand units.....	155.9	186.1	202.3	210.0
Cement.....	Million metric tons.....	45.5	72.4	95.2	104.3
Tractors.....	Thousand units.....	238.5	354.5	458.5	477.8
Passenger automobiles.....	Thousand units.....	130	201	344	730
<b>Transportation and trade</b>					
Railroad freight traffic.....	Trillion ton-kilometers....	1.50	1.95	2.49	2.76
Motor vehicle freight traffic.....	Billion ton-kilometers.....	98.5	143.1	220.8	261.8
Imports (f.o.b.).....	Billion US \$.....	5.63	8.06	11.73	16.10
Exports (f.o.b.).....	Billion US \$.....	5.56	8.17	12.80	15.40

<sup>\*</sup>An asterisk indicates that the data are CONFIDENTIAL.<sup>1</sup> Converted at US purchasing power equivalents.<sup>2</sup> Data include the armed forces and the unemployed but exclude militarized security forces.<sup>3</sup> Energy expressed in coal equivalents has a calorific value of 7,000 kilocalories per kilogram.<sup>4</sup> Gross production less losses and waste. Data include only gas from natural gas wells and associated gas from petroleum fields.<sup>5</sup> Data are for barley, corn, oats, rice, rye, wheat, and miscellaneous grains including pulses.<sup>6</sup> Data are on a carcass weight, bone-in basis, and are for beef, veal, pork, mutton, lamb, goat, horsemeat, rabbit, poultry, game, edible offal, and lard.

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Table 24

## People's Republic of China: Selected Economic Data

	Unit of Measure	1960	1965	1970	1972
<b>Aggregative data</b>					
Gross national product <sup>1</sup> .....	Billion 1971 US \$.....	93 to 94	99 to 104	126 to 137	133 to 147
Index of industrial production <sup>2</sup> .....	1900 = 100,.....	100	92 to 99	129 to 148	157 to 183
Total population (midyear).....	Million persons.....	685	747	837	878
Labor force (midyear) <sup>3</sup> .....	Million persons.....	307	328	N.A.	N.A.
Agricultural labor force (midyear).....	Million persons.....	254	281	N.A.	N.A.
<b>Fuels and power</b>					
Primary energy (coal equivalents) <sup>4</sup> .....	Million metric tons.....	208	206	200	341
Electric power (gross).....	Billion kilowatt-hours.....	47	42	72	95
Hard coal <sup>5</sup> .....	Million metric tons.....	280	220	300	340
Crude oil.....	Million metric tons.....	4.6	8.0	20.0	30.0
Petroleum products.....	Million metric tons.....	4.7*	7.2*	18.0*	26.5*
<b>Minerals and metals</b>					
Crude steel.....	Million metric tons.....	13.0	11.0	18.0	23.0
Pig iron.....	Million metric tons.....	14.1*	12.5*	19.5*	27.0*
Iron ore.....	Million metric tons.....	28.2*	25.0*	39.0*	54.0*
Manganese ore.....	Thousand metric tons.....	708*	312*	485*	675*
Tungsten ore (60% WO <sub>3</sub> ).....	Thousand metric tons.....	28.7	14.6	11.5	13.0
Primary aluminum.....	Thousand metric tons.....	80*	115*	230*	280*
<b>Agriculture</b>					
Grain <sup>6</sup> .....	Million metric tons.....	160	190 to 195	220 to 225	210 to 215
Ginned cotton.....	Million metric tons.....	1.28	1.50	1.66	1.20
<b>Manufactured items</b>					
Sulfuric acid (100%).....	Million metric tons.....	1.35	2.20*	N.A.	N.A.
Mineral fertilizer (nutrients).....	Million metric tons.....	0.50*	0.88*	1.08*	2.92*
Cement.....	Million metric tons.....	12.0	13.9	20.8	20.8
Tractors.....	Thousand units.....	10.8	13.7	24.0	30.8
Trucks.....	Thousand units.....	15	34	70	100
<b>Trade</b>					
Imports (f.o.b.).....	Billion US \$.....	2.03	1.84	2.21	2.72
Exports (c.i.f.).....	Billion US \$.....	1.96	2.04	2.04	2.99

<sup>\*</sup>An asterisk indicates that the data are CONFIDENTIAL.<sup>1</sup> Converted at US purchasing power equivalents.<sup>2</sup> Estimates of this Office computed by applying value-added weights to data for commodity production. The data are fragmentary and uncertain; therefore, the index should be regarded as providing only a tentative indication of the general level and trend in production.<sup>3</sup> Data exclude the armed forces but include the unemployed.<sup>4</sup> Energy expressed in coal equivalents has a calorific value of 7,000 kilocalories per kilogram.<sup>5</sup> Including a negligible amount of brown coal.<sup>6</sup> Data are for barley, corn, oats, rice, rye, and wheat, and also include kaoliang, broad beans, and field peas. Tubers are included on a grain equivalent basis of 4 metric tons of tubers to 1 metric ton of grain.

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Table 25

## Factors of Consumption

	1960	1965	1970	1972
<b>Food</b>				
Grain production <sup>1</sup> (kilograms per capita)				
United States <sup>2</sup> .....	1,003	944	911	1,092
USSR <sup>3</sup> .....	434	433	618	541
Meat production <sup>4</sup> (kilograms per capita)				
United States <sup>5</sup> .....	71	74	80	80
USSR <sup>6</sup> .....	41	43	51	55
Persons supplied per farm worker				
United States.....	26	35	45	48
USSR.....	5	5	0	7
<b>Housing</b>				
Housing construction (square meters per capita)				
United States.....	0.8	0.8	0.7	1.1
USSR.....	0.5	0.4	0.4	0.4
<b>Transportation</b>				
Passenger automobile production (units per hundred persons)				
United States <sup>7</sup> .....	3.7	4.8	3.2	4.2
USSR.....	0.1	0.1	0.1	0.3
Passenger automobiles in use (units per hundred persons)				
United States <sup>8</sup> .....	34.1	38.7	43.5	46.2
USSR <sup>9 10</sup> .....	0.4	0.5	0.7	1.0
<b>Communications</b>				
Television receivers in use <sup>10</sup> (units per hundred persons)				
United States.....	32	37	45	53
USSR.....	2	7	14	18
Radio receivers in use <sup>10</sup> (units per hundred persons)				
United States.....	93	125	164	177
USSR.....	13	17	20	21
<b>Household equipment</b>				
Washing machine production (units per thousand persons)				
United States <sup>7</sup> .....	18	22	20	24
USSR.....	4	15	22	12
Washing machines in use <sup>11</sup> (units per thousand persons)				
United States <sup>12</sup> .....	232	252	281	296
USSR.....	13 <sup>10</sup>	59 <sup>10</sup>	148 <sup>10</sup>	161
Refrigerator production (units per thousand persons)				
United States <sup>7</sup> .....	10	25	26	30
USSR.....	2	7	17	20
Refrigerators in use <sup>11</sup> (units per thousand persons)				
United States <sup>12</sup> .....	274	288	306	313
USSR.....	10 <sup>10</sup>	29 <sup>10</sup>	89 <sup>10</sup>	106

<sup>1</sup> The data do not necessarily represent food available for consumption, because imports of foreign grain and exports of domestically produced grain are not included.

<sup>2</sup> Excluding corn silage and forage but including sorghum for grain.

<sup>3</sup> Including miscellaneous grains and pulses.

<sup>4</sup> Data are on a carcass weight, bone-in basis.

<sup>5</sup> Excluding slaughter fats, poultry, rabbit, and variety meats.

<sup>6</sup> Including horsemeat, rabbit, poultry, game, edible offal, and lard.

<sup>7</sup> Data are for factory sales and include complete units exported for assembly.

<sup>8</sup> As of the end of the registration year.

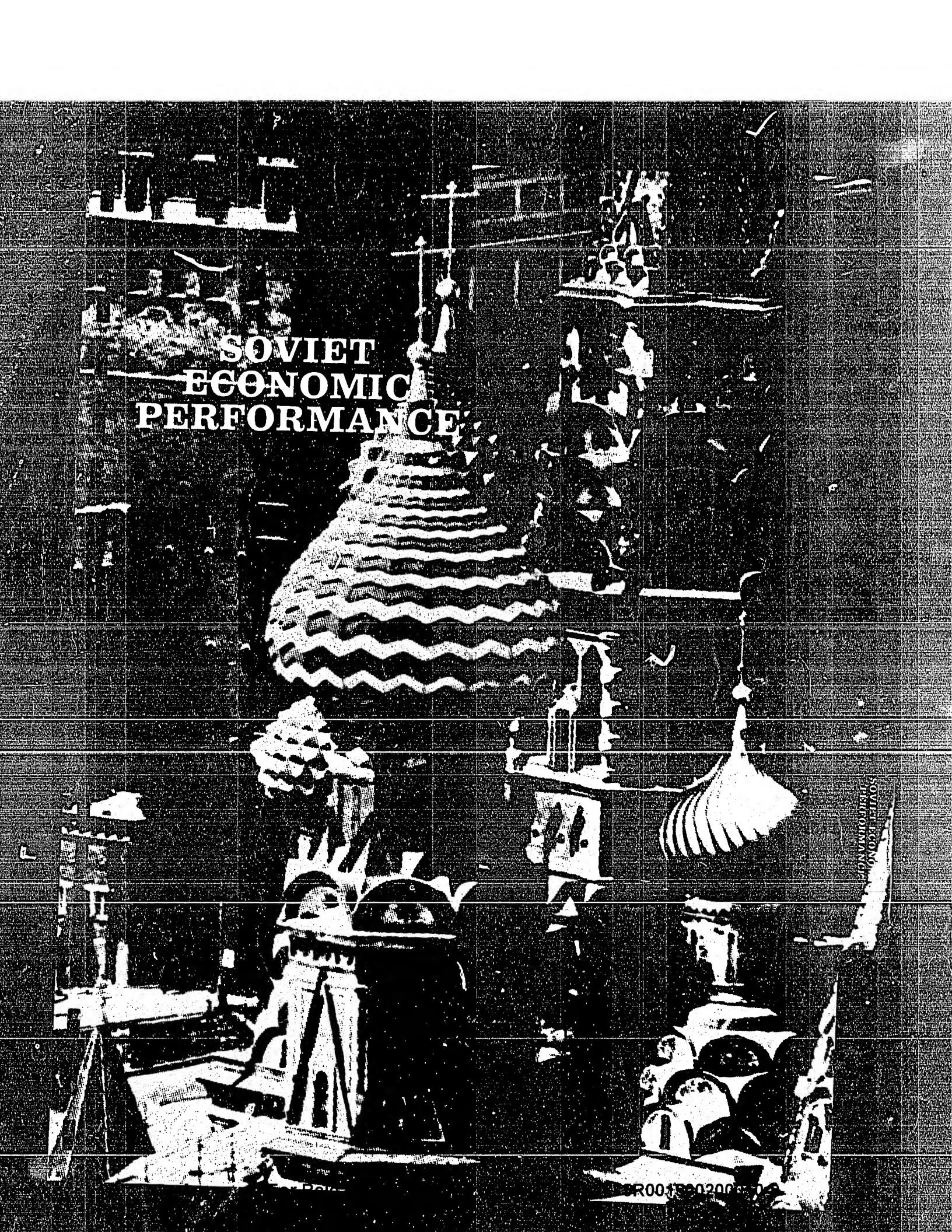
<sup>9</sup> Based on data for production, imports, exports, and estimated retirements.

<sup>10</sup> As of the end of the year.

<sup>11</sup> Unless otherwise indicated, data are as of the beginning of the year.

<sup>12</sup> Data are understated because they are based on the number of households with one or more units; thus, a household with more than one is counted as having only one.

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A high-contrast, black and white photograph capturing the iconic architecture of the Kremlin in Moscow. The image is dominated by the large, ornate onion domes of several churches, their intricate patterns and gold-colored spires catching some light. In the background, the tall, dark spires of the cathedral towers rise against a lighter sky. The foreground is mostly in deep shadow, showing some of the surrounding city buildings and possibly a riverbank. The overall effect is grainy and dramatic.

# SOVIET ECONOMIC PERFORMANCE

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Table 26

Percentage Distribution of Soviet Gross National Product, by End Use  
 (Adjusted Factor Cost<sup>1</sup>)

	Percent of Total			
	1960	1965	1970	1972 <sup>2</sup>
Consumption.....	63*	59*	58*	60*
Investment.....	26*	29*	32*	34*
New fixed.....	21*	23*	25*	27*
Other <sup>3</sup> .....	5*	7*	7*	7*
Defense.....	8*	7*	6*	6*
Civil space programs.....	Negl.*	1*	1*	1*
Administration.....	2*	2*	2*	2*
Inventory change, net exports, and statistical discrepancy.....	1*	2*	2*	-3*
Total.....	100*	100*	100*	100*

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Because of the well-known difficulties in using Soviet established prices as a measure of resource burden, the shares of gross national product (GNP) in this table are based on GNP at factor cost. In calculating GNP at factor cost, 1968 end use weights have been revised from an established price basis to a factor cost basis by subtracting turnover taxes and profits and adding amortization charges, implicit interest costs, agricultural land rent, and subsidies. These revised weights are then moved over time by indexes of the value of the various end uses in constant market prices.

<sup>2</sup> Preliminary.

<sup>3</sup> Civilian research and development and expenditures on capital repair.

Table 27

Soviet Hard Currency Trade Balance

Million US \$

	1960	1965	1970	1972
Exports.....	739	1,331	2,182	2,815
Imports.....	1,018	1,546	2,699	4,171
Trade balance.....	-279	-215	-517	-1,356

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**Table 28**  
**Production and Reserves of Gold in the USSR**

	Production	Reserves	Million Troy Ounces
1960.....	3.5*	70.7*	
1961.....	3.8*	64.8*	
1962.....	4.1*	61.2*	
1963.....	4.4*	49.8*	
1964.....	4.7*	38.7*	
1965.....	5.0*	28.8*	
1966.....	5.4*	31.8*	
1967.....	5.7*	36.1*	
1968.....	5.9*	40.7*	
1969.....	6.3*	45.6*	
1970.....	6.6*	50.9*	
1971.....	7.1*	50.2*	
1972.....	8.2*	58.2*	

\*An asterisk indicates that the data are CONFIDENTIAL.

**Table 29**  
**Aggregate Factor Productivity in the USSR**  
(Average Annual Rate of Growth)<sup>1</sup>

	1961-65	1966-70	1970	1972 <sup>2</sup>	Percent
Gross national product <sup>3</sup> .....	5.0*	5.0*	8.3*	2.0*	
Factor productivity.....	1.2*	2.1*	4.7*	-1.3*	
Combined inputs.....	3.8	3.4	3.4	3.4	
Factor productivity					
Manhours.....	3.1*	3.7*	6.3*	0.3*	
Capital.....	-3.4*	-1.7*	0.8*	-5.0*	
Land.....	4.4*	5.9*	9.3*	0.4*	
Inputs <sup>4</sup>					
Manhours.....	1.9	1.8	1.9	1.7	
Capital.....	8.6	7.5	7.4	7.4	
Land.....	0.6	-0.2	-0.9	1.5	

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> The base year is the year prior to the stated period.

<sup>2</sup> Preliminary.

<sup>3</sup> Based on indexes of GNP (1968 rubles), by sector of origin, at factor cost.

<sup>4</sup> Inputs of manhours, capital, and land are combined using weights of 60.59%, 29.91%, and 3.50%, respectively, in a Cobb-Douglas (linear homogeneous) production function. These weights represent the distribution of labor costs, charges on gross fixed capital (including livestock), and land rent in 1968, the base year for all indexes underlying the growth rate calculations.

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Table 30

**Industrial Factor Productivity in the USSR**  
**(Average Annual Rate of Growth)<sup>1</sup>**

	1961-65	1966-70	1970	1972 <sup>2</sup>	Percent
Industrial production.....	6.8*	6.5*	6.7*	5.0*	
Factor productivity.....	0.4*	0.9*	2.8*	0.9*	
Combined inputs.....	6.3	5.5	3.8	4.1	
Factor productivity					
Manhours.....	3.7*	3.1*	6.6*	3.9*	
Capital.....	-4.0*	-2.1*	-2.5*	-3.3*	
Inputs <sup>3</sup>					
Manhours.....	3.0	3.3	0.1	1.0	
Capital.....	11.2	8.7	9.3	8.5	

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> The base year is the year prior to the stated period.

<sup>2</sup> Preliminary.

<sup>3</sup> Inputs of manhours and capital are combined using weights of 58.4% and 41.6%, respectively, in a Cobb-Douglas (linear homogeneous) production function. These weights represent the distribution of labor costs (wages and social insurance deductions) and capital costs (charges on fixed and working capital and depreciation) in 1968, the base year for all indexes underlying the growth rate calculations.

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Table 31

Soviet Gross Fixed Capital Investment, by Function and by Sector<sup>1</sup>

	Million Rubles			
	1960	1965	1970	1972 <sup>2</sup>
Total investment.....	42,017	56,963	82,053	93,800 <sup>3</sup>
By function <sup>4</sup>				
Construction and installation.....	29,400	35,800	50,300	58,500 <sup>3</sup>
Equipment.....	10,400	17,500	25,300	28,200
Other capital outlays.....	2,200	3,700	6,400	7,100
By sector				
Industry <sup>5</sup> .....	15,211 <sup>6</sup>	21,117	29,567	33,200
Ferrous metallurgy.....	1,430	1,835	2,082	2,400
Chemicals and petrochemicals.....	1,056	2,171	2,415	2,700
Fuels and power.....	4,395	6,636	8,423	9,600
Machine building and metalworking.....	2,088	3,189	6,117	6,800
Construction materials.....	1,215	1,034	1,712	1,900
Consumer goods.....	2,280 <sup>6</sup>	2,702	4,489	5,200
Other <sup>7</sup> .....	2,747	3,400	4,320	4,000
Construction industry.....	1,181 <sup>6</sup>	1,493	3,008	3,800
Transport and communications.....	3,025 <sup>6</sup>	5,532	7,808	9,000
Agriculture.....	5,476	9,535	14,152	17,400
Housing.....	9,456	9,038	13,439	14,200
Services.....	6,768 <sup>6</sup>	9,648	14,079	16,200

<sup>1</sup> Beginning with the official handbooks for 1970, Soviet investment statistics are reported only in constant prices of 1 January 1969 instead of the previous constant prices of 1 July 1955. Consequently the ruble values shown in this table are different from those published in most earlier editions of the Handbook. Unless otherwise indicated, data are from the Soviet statistical handbook *Narodnoye khozyaystvo SSSR, 1922-1972*.

<sup>2</sup> Estimated, unless otherwise indicated. Data are rounded to nearest hundred million rubles.

<sup>3</sup> Preliminary figure given in or derived from *SSSR v tsifrakh v 1972 godu*, p. 146-147 and 150.

<sup>4</sup> Rounded to the nearest hundred million rubles. Values for 1960 were computed from percentage share distributions as reported in the Soviet statistical handbook, *Statisticheskiy yezhgodnik stran-chlenov Soveta Ekonomicheskoy Vzaimopomoshchi, 1971*, p. 171.

<sup>5</sup> Excluding the construction industry.

<sup>6</sup> Estimated using coefficients of other years calculated as the ratios between investment in prices of 1 July 1955 and prices of 1 January 1969.

<sup>7</sup> Computed as a residual; includes investment in nonferrous metallurgy, timber, paper, woodworking, and miscellaneous other branches of industry.

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Table 32

## Soviet State Budget

	1960	1965	1970	1971	1972	Billion New Rubles
	Actual	Actual	Actual	Actual	Actual	Plan
<b>Revenues</b>						
Social Sector.....	70.14	93.89	142.86	151.3	157.0	157.82
Turnover Tax.....	31.34	38.06	40.38	54.5	55.5	57.5
Profit Deductions.....	18.64	30.87	54.16	55.6	N.A.	60.7
Taxes on Enterprises and Organizations.....	1.85	1.55	1.23	1.4		
Social Insurance Receipts.....	3.74	5.50	8.20	8.8		
Residual.....	14.58	17.25	29.80	31.0	N.A.	39.6
Private Sector.....	6.04 <sup>1</sup>	8.43	13.84	14.7	18.0	15.99
State Taxes on the Population.....	5.60	7.70	12.74	13.7	N.A.	15.0
State Loans.....	0.91 <sup>1</sup>	0.18	0.47	0.3		
Local Taxes and Lottery Revenue.....	0.43	0.55	0.63	0.7	N.A.	1.0
Total.....	77.08 <sup>1</sup>	102.32	156.70	166.0	175.9	173.81
<b>Expenditures</b>						
Financing the National Economy.....	34.13	44.92	74.55	80.4	N.A.	82.63
Industry and Construction.....	15.59	20.99	30.53	N.A.	N.A.	32.2
Agriculture and Procurement.....	4.75	6.77	12.37	N.A.	N.A.	12.1
Transport and Communications.....	2.81	2.83	3.11	N.A.	N.A.	3.2
Trade.....	3.59	2.27	0.26	N.A.	N.A.	3.2
Municipal Economy and Housing.....	3.22	4.23	6.46	N.A.	N.A.	5.6
Other.....	4.17	7.83	15.82	N.A.	N.A.	N.A.
Social-Cultural Measures.....	24.94	38.16	55.94	59.4	64.2	62.94
Education, Science, and Culture.....	10.31	17.51	24.77	26.3	N.A.	27.4
Health and Physical Culture.....	4.84	6.67	9.28	9.6	10.0	9.7
Social Welfare.....	9.79	13.99	21.89	23.5	N.A.	10.2
Administration.....	1.09	1.28	1.66	1.8	N.A.	25.8
Defense.....	9.30	12.78	17.85	17.9	N.A.	1.77
Loan Service.....	0.7	0.1	0.10	0.1	N.A.	17.90
Residual.....	2.97	4.38	4.50	4.6	N.A.	0.2 <sup>2</sup>
Total.....	73.13	101.62	154.60	164.2	175.1	173.61
Budget Surplus.....	3.95 <sup>1</sup>	0.70	2.10	1.8	0.8	0.20
						0.23

<sup>1</sup> Including revenue from the savings deposits of the population.<sup>2</sup> Estimated.

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Table 33

Estimated Drawings and Scheduled Repayments on Western Credits to the USSR<sup>1</sup>

Million US \$

	Estimated Drawings	Scheduled Repayments	Interest	Net Credits	Outstanding at End of Year
1960.....	125	37	2	80	136
1961.....	165	70	6	89	231
1962.....	180	106	10	64	305
1963.....	140	130	14	-4	315
1964.....	170	146	14	10	339
1965.....	100	149	17	24	380
1966.....	275	150	20	105	505
1967.....	305	152	29	124	658
1968.....	510	217	38	255	951
1969.....	630	265	57	308	1,316
1970.....	700	300	79	321	1,716
1971.....	700	360	103	237	2,056
1972.....	900	432	124	344	2,524

<sup>1</sup> Estimates of drawings are based on data derived from contracts indicating delivery and credit terms and on Soviet imports of machinery and equipment. In general, early contracts (1960-64) involved 80%-85% credit and 5% interest. A large number of contracts since 1965 have involved 85% credit and 6% interest. Repayment periods for the earlier credits were usually three to five years following downpayment. Typical terms since 1965 have been eight years following delivery of equipment.

Table 34  
Soviet Stock of Fixed Capital, by Sector<sup>1</sup>

	1960	1965	1970	Billion Rubles <sup>2</sup> 1972 <sup>3</sup>
Total capital stock <sup>4</sup> .....	328	496	712	829
Industry.....	84	144	217	256
Ferrous metallurgy.....	8	14	21	24
Chemicals and petrochemicals.....	4	10	18	22
Fuels and power.....	24	37	58	68
Machine building and metalworking.....	17	29	46	57
Construction materials.....	5	9	13	15
Consumer goods.....	12	18	27	31
Other <sup>5</sup> .....	14	27	34	39
Construction industry.....	6	10	19	23
Agriculture <sup>4</sup> .....	44	62	87	104
Transport and communications.....	42	64	92	106
Housing.....	102	137	176	195
Services.....	50	79	121	145

<sup>1</sup> The Soviet regime revalued most of the stock of fixed capital on hand as of 1 January 1972 in investment prices of 1969. The results of the revaluation, however, have not been announced to date. In the meantime, the fixed capital series expressed in prices of 1955 continues to be the official series, even though it is not compatible with the new official investment series expressed in prices of 1969 (see Table 31). The value of stocks in Table 34 is estimated as of 1 July of the respective year on the basis of end-of-year data reported in various Soviet statistical handbooks.

<sup>2</sup> In 1955 prices (see Footnote 1).

<sup>3</sup> Preliminary.

<sup>4</sup> Including the value of basic herds and draft animals.

<sup>5</sup> Nonferrous metals, timber, woodworking, paper, and miscellaneous other branches of industry.

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Table 35

**Average Annual Rates of Growth<sup>1</sup> of Industrial Production, by Branch of Industry, in the USSR**  
**Percent**

	1961-65	1966-71 <sup>2</sup>	1965	1970	1972 <sup>2</sup>
Industrial materials.....	7.1	6.0	7.4	6.9	5.1
Electric power.....	11.5	8.0	10.0	7.6	7.4
Coal.....	2.8	2.1	4.4	2.3	2.2
Petroleum products and natural gas.....	9.9	7.7	8.1	8.1	5.7
Ferrous metals.....	7.9	5.3	7.2	5.9	3.9
Nonferrous metals.....	8.3	8.1	8.3	6.5	7.0
Forest products.....	3.0	3.6	1.5	5.5	3.8
Paper and paperboard products.....	7.8	6.9	12.8	6.9	4.6
Construction materials.....	7.2	6.0	8.8	8.1	5.3
Chemicals.....	12.1	8.9	14.6	11.8	6.6
Machinery.....	7.8*	7.3*	5.0*	6.3*	7.0*
Civilian.....	9.3	9.2	5.5	8.7	8.1
Nondurable consumer goods.....	4.5	6.0	6.1	6.6	1.5
Soft goods.....	2.4	7.4	1.2	6.8	1.3
Processed foods.....	7.0	4.4	11.6	6.4	2.2
Total industrial production.....	6.8*	6.4*	6.4*	6.7*	5.0*

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> The base year is the year prior to the stated period. Rates of growth are derived from unrounded data.

<sup>2</sup> Preliminary.

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Table 36  
Soviet Economic Plans for 1973 and 1971-75

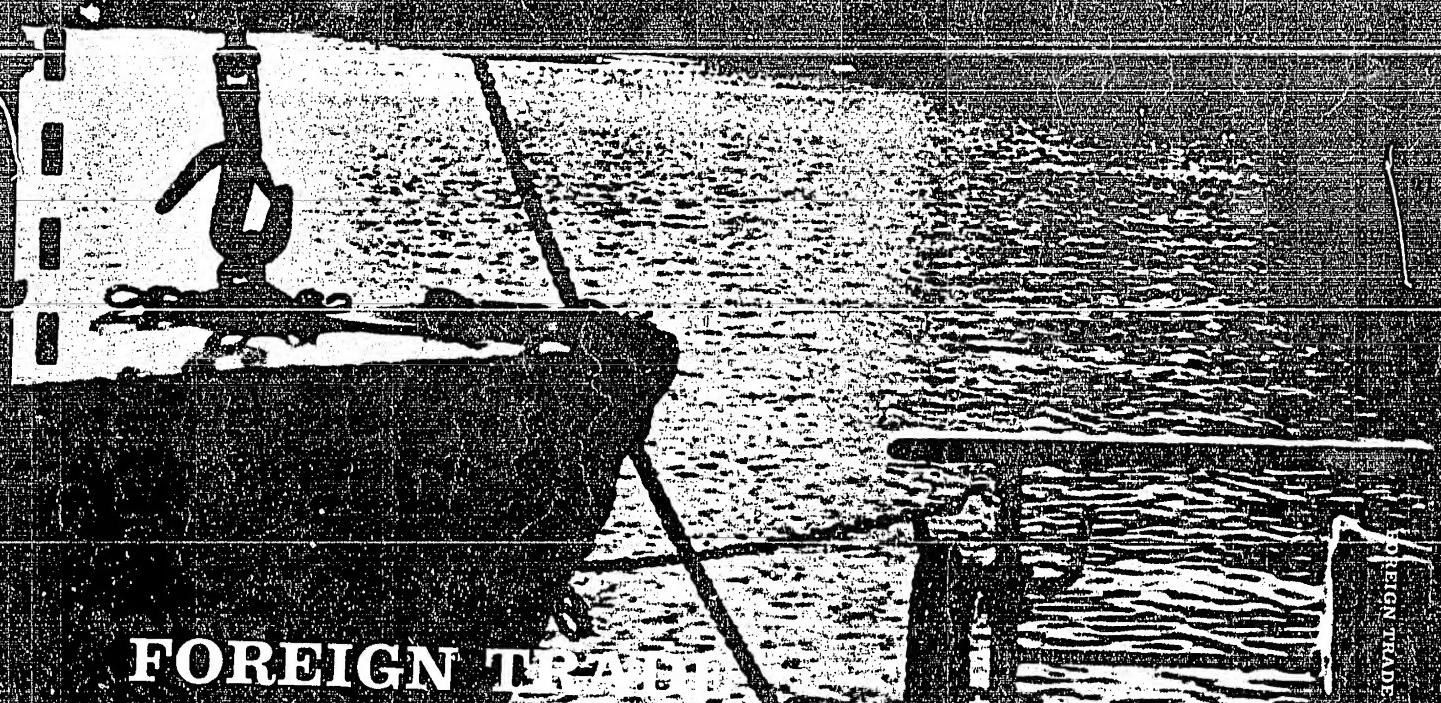
	Unit of Measure	Production		Average Annual Rate of Growth <sup>1</sup> (Percent)			
		1972 Actual	1973 Plan	1966-70 Actual	1972 Actual	1973 Plan	1971-75 Plan
<b>Aggregative data</b>							
Index of national income <sup>2</sup> .....	1965 = 100.....	160	170	7.7	4.0	6.0	6.8
Gross industrial production <sup>3</sup> .....	1965 = 100.....	173	183	8.4	6.5	5.8	8.0
Group A (producers' goods).....	1965 = 100.....	173	184	8.6	6.8	6.3	7.0
Group B (consumer goods).....	1965 = 100.....	171	179	8.3	6.0	4.5	8.3
Industrial labor productivity.....	1965 = 100.....	148	156	5.7	5.2	5.2	6.8
<b>Fuels and power</b>							
Electric power.....	Billion kilowatt-hours....	858	915	7.9	7.2	6.6	7.5
Total coal <sup>4</sup> .....	Million metric tons.....	655	665	1.6	2.2	1.6	2.2
Crude oil <sup>5</sup> .....	Million metric tons.....	394	424	7.6	5.9	7.6	7.3
Natural gas.....	Billion cubic meters.....	221	238	0.2	4.0	7.7	10.1
<b>Metals</b>							
Crude steel.....	Million metric tons.....	126	130.7	4.9	4.1	3.7	4.8
Pig iron.....	Million metric tons.....	92.3	97.1	5.4	3.4	5.2	4.8
<b>Chemicals</b>							
Mineral fertilizer (Soviet statistical reporting units).....	Million metric tons.....	66.1	71.1	12.1	7.7	7.6	10.2
Plastics and synthetic resins.....	Thousand metric tons....	2,035	2,277	15.8	9.2	11.9	16.1
<b>Manufacturing and construction</b>							
Passenger automobiles.....	Thousand units.....	730	905	11.3	38.0	24.0	29.5
Trucks and buses.....	Thousand units.....	649	680	6.6	5.7	4.8	8.0
Tractors.....	Thousand units.....	478	502	5.3	1.3	5.0	4.6
Television receivers.....	Million units.....	6.0	6.12	12.8	2.6	2.0	0.3
Rubber tires.....	Million units.....	38.7	42.6	5.5	6.9	10.1	8.1
Cement.....	Million metric tons.....	104.3	108.7	5.6	4.0	4.5	5.8

<sup>1</sup> The base year is the year prior to the stated period.<sup>2</sup> The official Soviet measure is based on a Marxist concept of national income and differs significantly from the concept used in Western market economies. For example, the Soviet measure excludes the value of services and overstates the contribution of industry by including all indirect taxes.<sup>3</sup> Official "gross" value series.<sup>4</sup> Raw gross output.<sup>5</sup> Excluding production of natural gas liquids.

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# FOREIGN TRADE

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Table 37

Trade of the United States with the Communist Countries<sup>1</sup>

Million US \$

	1960	1965	1970	1972
US exports to.....	503.3	289.0	520.6	1,047.4
USSR <sup>2</sup> .....	39.3	45.2	118.7	540.8
Eastern Europe.....	154.6	94.8	234.9	271.5
Bulgaria.....	0.1	3.6	15.3	3.4
Czechoslovakia.....	4.5	27.7	22.5	49.4
East Germany.....	4.0	12.4	32.5	14.9
Hungary.....	1.6	9.3	28.3	22.6
Poland.....	143.1	35.4	60.9	111.8
Romania.....	1.3	6.4	60.4	60.4
China.....	....	Negl.	....	60.2
Other <sup>3</sup> .....	309.4	149.0	166.9	168.9
US imports from.....	481.3	202.8	322.5	504.0
USSR <sup>2</sup> .....	22.6	42.6	72.3	95.5
Eastern Europe.....	58.2	94.7	153.3	224.6
Bulgaria.....	0.8	1.7	2.4	2.9
Czechoslovakia.....	12.2	16.7	23.9	28.0
East Germany.....	3.2	6.5	9.4	10.3
Hungary.....	1.8	2.1	6.2	12.7
Poland.....	38.8	65.9	97.9	139.2
Romania.....	1.5	1.8	13.4	31.5
China.....	0.3	0.5	Negl.	32.3
Other <sup>3</sup> .....	400.2	65.0	96.8	151.6

<sup>1</sup> Exports include reexports and are valued f.a.s. Imports are general imports and are valued f.o.b. port of export.

<sup>2</sup> Including data for Estonia, Latvia, and Lithuania.

<sup>3</sup> Including Albania, Cuba, Mongolia, North Korea, North Vietnam, and Yugoslavia.

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Table 38

Trade of the United States with the USSR, by Commodity<sup>1</sup>

Thousand US \$

	1960	1965	1970	1972
Exports to the USSR <sup>2</sup>				
Total exports <sup>3</sup> .....	39,255	45,117	118,540	546,673
Food and beverages.....	60	....	964	370,097
Wheat.....	4	....	....	150,402
Barley.....	3	....	....	30,702
Corn.....	....	....	....	106,524
Oats.....	....	....	....	12,102
Tobacco and tobacco manufactures.....	....	36	1,320	559
Crude materials.....	4,022	15,902	31,896	71,220
Hides and skins, except furskins.....	2,622	6,170	14,768	10,363
Oilseeds, oil nuts, and kernels.....	....	6,374	....	52,146
Pulp and waste paper.....	....	1,986	13,911	8,041
Oils, fats, and waxes.....	....	17,493	....	1,701
Chemicals.....	3,099	5,730	24,683	20,976
Basic manufactures.....	12,310	59	8,776	10,180
Machinery and transport equipment.....	19,254	5,155	44,709	62,062
Nonelectric machinery.....	17,403	2,036	37,812	53,481
Electric machinery and apparatus.....	49	447	3,501	7,228
Transport equipment.....	1,802	2,072	3,336	1,353
Miscellaneous manufactures.....	258	144	5,221	9,163
Other.....	252	598	971	706
Imports from the USSR <sup>4</sup>				
Total imports <sup>3</sup> .....	22,779	42,584	71,953	94,869
Food, beverages, and tobacco.....	221	568	619	713
Crude materials.....	8,008	13,807	18,314	17,963
Furskins, undressed.....	5,967	6,176	3,334	3,007
Chrome ore.....	160	4,373	13,691	14,057
Mineral fuels and related materials.....	....	....	2,807	7,464
Chemicals.....	8,175	960	913	1,250
Basic manufactures <sup>5</sup> .....	5,738	26,428	46,451	63,666
Diamonds and other precious stones...	....	....	13,439	13,487
Platinum group metals <sup>5</sup> .....	5,525	22,970	22,887	44,500
Nonferrous base metals.....	....	....	7,996	1,888
Miscellaneous manufactures.....	317	513	2,752	3,660
Other.....	320	248	97	93

<sup>1</sup> Including data for Estonia, Latvia, and Lithuania, which are treated separately in the US Department of Commerce statistics prior to 1970.

<sup>2</sup> Exports are domestic exports only, excluding reexports, and are valued f.o.b.

<sup>3</sup> The minor differences between the totals shown on this table and those shown on Table 37 are due to differences in definition.

<sup>4</sup> General imports for all years except 1960, for which import data are for consumption only. Imports are valued f.o.b. port of export.

<sup>5</sup> Data may include unrefined metal.

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Table 39

## Trade of the United States with Eastern Europe, by Commodity

Thousand US \$

	1960	1965	1970	1972
<b>Exports to Eastern Europe<sup>1</sup></b>				
Total exports <sup>2</sup> .....	154,129	94,522	233,944	269,856
Food and beverages.....	99,375	40,030	71,662	95,806
Wheat.....	74,009	3,166	9,411	10,540
Corn.....	4,307	5,846	15,807	32,502
Tobacco and tobacco manufactures.....	2,819	2,299	2,463	3,532
Crude materials.....	22,597	22,042	50,117	86,834
Hides and skins except furskins.....	1,093	0,250	10,061	45,870
Cotton, unmanufactured.....	15,536	2,217	12,815	15,295
Oil seeds, oil nuts, and kernels.....	....	10,506	14,978	15,535
Mineral fuels.....	....	2,415	29,301	2,087
Oils, fats, and waxes.....	9,385	12,110	13,008	8,985
Chemicals.....	3,005	3,601	12,731	11,889
Basic manufactures.....	4,821	1,058	15,953	14,325
Machinery and transport equipment.....	4,495	5,580	24,206	40,478
Nonelectric machinery.....	3,944	4,472	18,940	33,110
Electric machinery and appliances.....	430	1,001	4,363	5,376
Transport equipment.....	121	107	993	1,092
Miscellaneous manufactures.....	623	800	4,838	5,144
Other.....	7,000	3,888	573	776
<b>Imports from Eastern Europe<sup>3</sup></b>				
Total imports <sup>2</sup> .....	57,444	94,731	153,245	224,475
Food, beverages, and tobacco.....	29,815	37,815	62,089	76,045
Crude materials and mineral fuels.....	8,942	7,533	11,139	16,097
Oils, fats, and waxes.....	392	241	12	249
Chemicals.....	1,206	3,280	6,877	13,792
Basic manufactures.....	8,171	25,400	37,205	63,226
Glass and glassware.....	3,643	5,458	6,979	13,808
Iron and steel.....	310	10,014	7,973	22,283
Metal manufactures.....	....	2,412	8,165	10,574
Machinery and transport equipment.....	4,184	5,600	11,710	18,833
Miscellaneous manufactures.....	2,357	10,099	23,610	35,584
Other.....	2,377	3,845	603	649

<sup>1</sup> Exports are domestic exports only, excluding reexports, and are valued f.a.s.<sup>2</sup> The minor differences between the totals shown on this table and those shown on Table 37 are due to differences in definition.<sup>3</sup> General imports for all years except 1960, for which import data are for consumption only. Imports are valued f.o.b. port of export.

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Table 40  
Trade of the United States with China, by Commodity

	1960	1965	1970	1971	1972	Thousand US \$
Exports to China <sup>1</sup>						
Total exports.....	....	1	....	....	....	60,205
Wheat.....	....	....	....	....	....	32,067
Corn.....	....	....	....	....	....	23,022
Crude soybean oil.....	....	....	....	....	....	2,200
Miscellaneous manufactures.....	....	1	....	....	....	2,016
Imports from China <sup>2</sup>						
Total imports.....	253	463	1	4,922	32,320	
Food, beverages, and tobacco.....	....	....	....	1,517	4,275	
Cassia.....	....	....	....	1,326	1,713	
Crude materials.....	....	....	....	2,198	12,265	
Bristles.....	....	....	....	1,862	6,741	
Silk.....	....	....	....	65	2,422	
Hair.....	....	....	....	181	1,556	
Chemicals.....	....	....	....	279	2,145	
Basic manufactures.....	....	47	1	467	7,360	
Cotton cloth.....	....	....	....	43	1,599	
Antimony.....	....	....	....	17	973	
Miscellaneous manufactures.....	253	380	....	276	6,059	
Antiques.....	201	380	....	146	3,390	
Clothing.....	....	....	....	33	820	
Other.....	....	36	....	185	216	

<sup>1</sup> Exports are domestic exports only, excluding reexports, and are valued f.a.s.

<sup>2</sup> General imports for all years except 1960, for which import data are for consumption only. Imports are valued f.o.b. port of export.

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Table 41

Direction of Soviet Foreign Trade<sup>1</sup>

Million US \$

	Total Trade	Communist Countries				Non-Communist Countries				Less Developed Countries	Unspeci- fied <sup>3</sup>
		Total	Eastern Europe	China	Other Asian	Other <sup>2</sup>	Total	Developed Countries	Developed Countries		
1960.....	Exports.....	5,563.6	4,211.4	3,074.3	817.1	63.9	256.1	1,352.2	983.1	336.3	32.8
	Imports.....	5,628.4	3,978.3	2,795.0	848.1	97.8	237.4	1,650.1	1,079.8	564.5	5.8
1961.....	Exports.....	5,998.4	4,321.1	3,309.7	367.3	118.3	435.7	1,677.3	1,069.3	498.4	109.6
	Imports.....	5,827.6	4,146.7	3,044.1	551.4	104.8	446.4	1,680.9	1,092.9	579.2	8.8
1962.....	Exports.....	7,030.5	4,905.2	3,971.1	233.4	135.3	565.3	2,125.3	1,115.2	560.0	450.1
	Imports.....	6,455.4	4,565.5	3,590.3	516.3	118.4	340.4	1,880.9	1,282.8	604.4	2.7
1963.....	Exports.....	7,272.4	5,099.4	4,163.3	187.2	138.8	610.1	2,173.0	1,218.1	751.9	203.0
	Imports.....	7,058.7	4,986.4	4,146.8	413.0	123.4	303.1	2,072.3	1,399.5	664.5	8.2
1964.....	Exports.....	7,683.3	5,406.8	4,499.2	135.3	130.6	641.8	2,276.4	1,282.1	774.5	219.8
	Imports.....	7,736.5	5,346.4	4,450.4	314.2	115.4	466.3	2,390.1	1,734.4	654.1	1.6
1965.....	Exports.....	8,174.6	5,556.3	4,552.6	191.7	164.7	647.3	2,618.3	1,438.0	910.7	269.7
	Imports.....	8,058.3	5,609.8	4,672.6	225.6	118.9	592.8	2,448.4	1,600.8	845.2	2.4
1966.....	Exports.....	8,841.0	5,872.8	4,692.0	175.3	153.8	851.8	2,968.2	1,711.4	886.3	370.5
	Imports.....	7,912.8	5,263.8	4,462.1	143.1	117.7	541.0	2,649.0	1,741.6	903.5	3.8
1967.....	Exports.....	9,652.2	6,377.0	5,038.7	50.3	258.0	1,030.0	3,275.2	1,886.1	963.2	425.9
	Imports.....	8,536.6	5,945.5	5,092.5	56.7	128.9	667.4	2,591.1	1,782.1	805.1	3.9
1968.....	Exports.....	10,634.2	7,134.0	5,636.1	59.3	331.4	1,107.2	3,500.2	2,051.2	948.0	501.0
	Imports.....	9,409.9	6,367.0	5,643.6	36.7	138.8	548.0	3,042.9	2,143.6	885.0	14.2
1969.....	Exports.....	11,655.1	7,681.8	6,198.2	27.8	390.9	1,065.0	3,973.3	2,230.2	1,169.3	573.8
	Imports.....	10,326.7	6,696.0	6,011.4	29.0	143.4	512.2	3,630.6	2,494.5	1,119.0	17.1
1970.....	Exports.....	12,800.0	8,366.9	6,758.4	24.0	415.0	1,168.7	4,433.1	2,344.8	1,291.4	796.9
	Imports.....	11,731.5	7,636.4	6,633.7	21.7	154.4	826.5	4,095.2	2,780.3	1,298.8	16.1
1971.....	Exports.....	13,806.1	9,017.8	7,241.3	77.9	521.6	1,177.0	4,788.3	2,709.9	1,380.1	698.3
	Imports.....	12,478.7	8,176.9	7,257.4	76.2	159.7	683.7	4,301.7	2,859.6	1,412.5	29.6

<sup>1</sup> Official Soviet statistics. Exports and imports are f.o.b.<sup>2</sup> Including data for Yugoslavia, Mongolia, Cuba, and Albania.<sup>3</sup> Including data for Hong Kong.

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49

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Table 42

Soviet Exports<sup>1</sup>

	1960		1965		1970		1971	
	Million US \$	Percent	Million US \$	Million US \$	Million US \$	Percent	Million US \$	Percent
Total exports.....	5,563.6	100.0	8,174.6	12,800.0	13,806.1	100.0		
Machinery and equipment.....	1,143.2	20.5	1,635.8	2,755.8	3,005.3	21.8		
Complete plants.....	570.6	10.3	613.5	955.1	N.A.	N.A.		
Fuels, lubricants, and related materials.....	901.8	16.2	1,386.4	1,987.8	2,466.1	17.9		
Coal and coke.....	242.1	4.4	384.3	408.3	488.5	3.5		
Petroleum and petroleum products.....	657.9	11.8	998.9	1,470.5	1,831.3	13.3		
Ores and concentrates.....	242.9	4.4	310.0	403.2	419.0	3.0		
Iron ore.....	175.0	3.1	250.7	324.9	334.7	2.4		
Base metals and manufactures.....	837.6	15.1	1,330.0	1,979.9	2,063.3	14.9		
Ferrous metals.....	642.7	11.6	998.3	1,351.9	1,364.3	9.9		
Rolled ferrous metals.....	480.2	8.6	716.5	892.1	853.8	6.2		
Nonferrous metals.....	104.9	3.5	331.8	628.0	690.0	5.1		
Aluminum.....	35.1	0.6	110.9	184.0	198.8	1.4		
Chemicals.....	150.8	2.7	245.3	364.2	396.9	2.9		
Wood and wood products.....	305.1	5.5	593.6	832.3	864.7	6.3		
Lumber.....	182.8	3.3	312.2	333.2	352.8	2.6		
Textile raw materials and semimanufactures.....	358.6	6.4	421.3	437.4	455.0	3.3		
Cotton fiber.....	288.7	5.2	334.7	372.0	399.9	2.9		
Consumer goods.....	907.7	16.3	903.9	1,357.0	1,590.7	11.5		
Food.....	702.3	12.6	663.5	1,016.7	1,242.3	9.0		
Grain <sup>2</sup> .....	467.8	8.4	270.3	399.1	602.2	4.4		
Other consumer goods.....	205.4	3.7	240.4	340.4	348.4	2.5		
Other and unspecified.....	715.9	12.9	1,348.3	2,682.4	2,545.1	18.4		

<sup>1</sup> Official Soviet statistics. Exports are f.o.b.<sup>2</sup> Excluding wheat flour.

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Table 43

Soviet Imports<sup>1</sup>

	1960 Million US \$	Percent	1965 Million US \$	1970 Million US \$	1971 Million US \$	Percent
Total imports.....	5,628.4	100.0	8,058.3	11,731.5	12,478.7	100.0
Machinery and equipment.....	1,675.2	29.8	2,692.2	4,169.8	4,239.8	34.0
Transportation equipment.....	960.1	11.7	990.0	1,233.1	1,084.2	8.7
Fuels, lubricants, and related materials.....	237.3	4.2	198.5	228.0	326.2	2.6
Coal and coke.....	93.5	1.7	123.0	124.2	149.6	1.2
Petroleum and petroleum products.....	143.7	2.6	75.5	81.9	122.8	1.0
Ores and concentrates.....	314.0	5.6	315.5	302.0 <sup>2</sup>	336.3 <sup>2</sup>	2.7
Base metals and manufactures.....	545.9	9.7	389.4	691.6	750.7	6.0
Ferrous metals.....	373.9	6.6	314.2	593.4	661.5	5.3
Rolled ferrous metals.....	333.7	5.9	286.9	568.8	632.8	5.1
Nonferrous metals.....	172.0	3.1	75.2	98.1	89.1	0.7
Tin.....	34.8	0.6	21.0	29.8	14.4	0.1
Chemicals.....	150.2	2.7	375.4	618.4	701.8	5.6
Rubber and rubber products.....	195.9	3.5	198.9	191.8	154.4	1.2
Wood and wood products.....	104.8	1.9	150.3	248.6	259.5	2.1
Textile raw materials and semimanufactures.....	364.5	6.5	357.9	561.2	563.0	4.5
Cotton fiber.....	179.9	3.2	161.7	249.6	252.7	2.0
Wool fiber.....	118.0	2.1	100.0	120.1	113.1	0.9
Consumer goods.....	1,573.5	28.0	2,656.6	3,792.4	4,144.1	33.2
Food.....	612.3	10.9	1,511.1	1,591.4	1,589.2	12.7
Wheat and wheat flour.....	9.6	0.2	424.8	139.1	174.2	1.4
Other consumer goods.....	961.2	17.1	1,145.6	2,201.0	2,554.9	20.5
Other and unspecified.....	467.1	8.3	723.6	926.8	1,003.0	8.0

<sup>1</sup> Official Soviet statistics. Imports are f.o.b.<sup>2</sup> The value of this category is overstated because imports from Czechoslovakia include ores and concentrates, nonmetallic minerals, and metals.

UNCLASSIFIED

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Table 44

Direction of Chinese Foreign Trade<sup>1</sup>

		Total Trade	Communist Countries			Total	Non-Communist Countries			Million US \$		
			Total	Eastern Europe	USSR		Developed Countries	Less Developed Countries	Hong Kong and Macao			
1960.....	Exports.....	1,960	1,335	310	850	175	625	240	245	140		
	Imports.....	2,030	1,285	335	815	135	745	505	235	Negl.		
1961.....	Exports.....	1,530	965	145	550	270	560	220	225	115		
	Imports.....	1,495	715	160	365	190	775	600	175	Negl.		
1962.....	Exports.....	1,525	915	105	515	295	605	210	260	140		
	Imports.....	1,150	490	65	235	190	660	475	185	Negl.		
1963.....	Exports.....	1,570	820	115	415	290	755	265	305	185		
	Imports.....	1,200	430	50	185	195	776	580	190	Negl.		
1964.....	Exports.....	1,750	710	100	315	295	1,040	415	350	270		
	Imports.....	1,470	390	60	135	195	1,080	685	395	355		
1965.....	Exports.....	2,035	650	95	225	330	1,385	575	455	Negl.		
	Imports.....	1,845	515	110	190	215	1,330	920	405	5		
1966.....	Exports.....	2,210	585	130	145	310	1,625	715	510	400		
	Imports.....	2,035	505	140	175	190	1,530	1,140	385	5		
1967.....	Exports.....	1,945	485	110	55	320	1,460	635	515	310		
	Imports.....	1,950	345	135	50	160	1,605	1,345	260	Negl.		
1968.....	Exports.....	1,945	500	140	35	325	1,445	620	500	325		
	Imports.....	1,820	340	135	60	145	1,480	1,250	230	Negl.		
1969.....	Exports.....	2,030	490	145	30	315	1,540	685	515	340		
	Imports.....	1,830	295	120	25	150	1,535	1,245	290	Negl.		
1970.....	Exports.....	2,045	475	160	20	295	1,570	675	525	370		
	Imports.....	2,210	350	160	25	165	1,860	1,555	300	5		
1971.....	Exports.....	2,410	580	190	75	315	1,830	810	575	445		
	Imports.....	2,240	435	185	80	170	1,805	1,430	370	5		
1972 <sup>3</sup> ....	Exports.....	2,990	690	220	125	350	2,300	1,065	710	525		
	Imports.....	2,725	560	220	125	215	2,165	1,615	545	5		

<sup>1</sup> Rounded to the nearest US \$5 million. Exports are f.o.b. and imports are c.i.f.<sup>2</sup> Including data for Yugoslavia, Mongolia, Cuba, and Albania.<sup>3</sup> Preliminary.

UNCLASSIFIED

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Table 45

Chinese Exports<sup>1</sup>

Million US \$

	1968		1969		1970		1971 <sup>2</sup>	
	Total	Non-Communist	Total	Non-Communist	Total	Non-Communist	Total	Non-Communist
	Communist	Communist	Communist	Communist	Communist	Communist	Communist	Communist
Total.....	1,945	1,445	500	2,030	1,540	490	2,045	1,570
Foodstuffs.....	535	450	85	615	535	80	645	555
Animals, meat, and fish.....	175	150	25	210	185	25	215	195
Grains.....	130	100	30	115	85	30	110	80
Fruits and vegetables.....	140	115	25	175	155	20	170	145
Crude materials, fuels, and edible oils.....	415	350	65	450	385	65	430	370
Oilseeds.....	85	85	....	75	75	....	65	65
Textile fibers.....	90	80	10	120	110	10	100	90
Crude animal materials.....	100	65	35	130	95	35	115	80
Chemicals.....	85	60	25	90	65	25	105	80
Manufactures.....	850	525	325	820	500	320	855	555
Textile yarn and fabric.....	270	200	70	310	235	75	340	260
Clothing.....	180	70	110	195	90	105	155	70
Iron and steel.....	25	Negl.	25	35	10	25	40	15
Nonferrous metals.....	25	15	10	35	25	10	25	15
Other.....	60	60	....	55	55	....	10	10

<sup>1</sup> Rounded to the nearest US \$5 million. Exports are f.o.b.<sup>2</sup> Preliminary.

UNCLASSIFIED



Table 47

Direction of East European Foreign Trade<sup>1</sup>

		Total Trade	Communist Countries				Non-Communist Countries			Million US \$
		Total	USSR	Eastern Europe	Far East <sup>2</sup>	Other <sup>3</sup>	Total	Developed Countries	Less Developed Countries	
1960.....	Exports.....	7,625	5,525	2,819	2,101	398	208	2,100	1,518	581
	Imports.....	7,761	5,556	2,955	2,084	351	160	2,204	1,703	501
1961.....	Exports.....	8,315	6,003	3,130	2,377	205	290	2,313	1,642	670
	Imports.....	8,467	5,982	3,227	2,334	175	245	2,485	1,936	549
1962.....	Exports.....	8,908	6,542	3,613	2,543	109	276	2,365	1,684	681
	Imports.....	9,237	6,793	3,835	2,540	146	271	2,445	1,879	566
1963.....	Exports.....	9,901	7,299	4,137	2,605	91	376	2,601	1,900	700
	Imports.....	9,730	7,004	3,995	2,660	154	285	2,637	1,989	648
1964.....	Exports.....	10,935	7,959	4,500	2,920	96	442	2,977	2,152	824
	Imports.....	10,860	7,630	4,318	2,889	143	289	3,221	2,484	737
1965.....	Exports.....	11,773	8,418	4,692	3,172	159	394	3,354	2,302	963
	Imports.....	11,598	8,107	4,436	3,112	147	412	3,490	2,626	865
1966.....	Exports.....	12,306	8,541	4,537	3,263	222	517	3,766	2,607	1,060
	Imports.....	12,702	8,586	4,710	3,265	173	438	4,115	3,178	937
1967.....	Exports.....	13,402	9,324	5,105	3,534	265	420	4,076	2,890	1,186
	Imports.....	13,497	9,178	5,083	3,537	148	412	4,320	3,409	911
1968.....	Exports.....	14,527	10,332	5,641	3,871	303	515	4,194	2,991	1,204
	Imports.....	14,517	10,050	5,559	3,876	181	435	4,467	3,492	974
1969.....	Exports.....	16,125	11,220	6,059	4,276	300	582	4,904	3,535	1,370
	Imports.....	16,045	11,081	6,204	4,246	200	430	4,964	3,896	1,008
1970.....	Exports.....	18,092	12,545	6,610	4,953	331	647	5,547	4,059	1,488
	Imports.....	18,446	12,500	6,803	4,909	232	556	5,945	4,751	1,195
1971.....	Exports.....	19,912	13,834	7,234	5,427	387	736	6,078	4,475	1,603
	Imports.....	20,219	13,688	7,297	5,472	254	664	6,531	5,318	1,213

<sup>1</sup> Official East European statistics. Exports are on a f.o.b. basis. Imports are f.o.b. except for Hungary which is on a c.i.f. basis. Romania does not indicate whether imports are f.o.b. or c.i.f.

<sup>2</sup> Including data for China, North Korea, and North Vietnam.

<sup>3</sup> Including data for Albania, Cuba, Mongolia, Yugoslavia, and unspecified trade.

UNCLASSIFIED

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Table 48

East European Exports, by Country<sup>1</sup>

				Million US \$	
		1960	1965	1970	1972 <sup>2</sup>
Bulgaria					
Total.....		572	1,176	2,004	2,579
Of which:					
USSR.....		307	614	1,078	N.A.
Eastern Europe.....		151	275	431	N.A.
Developed Countries.....		68	156	280	N.A.
OECD <sup>3</sup> .....		64	158	236	N.A.
Czechoslovakia					
Total.....		1,929	2,688	3,792	4,915
Of which:					
USSR.....		659	1,023	1,222	1,668
Eastern Europe.....		561	789	1,213	1,590
Developed Countries.....		309	444	746	918
OECD <sup>3</sup> .....		293	422	715	962
East Germany					
Total.....		2,207	3,070	4,581	6,298
Of which:					
USSR.....		925	1,311	1,742	2,530
Eastern Europe.....		588	852	1,386	1,939
Developed Countries.....		437	608	982	1,311
OECD <sup>3</sup> .....		439	572	1,096	1,289
Hungary					
Total.....		874	1,510	2,317	3,292
Of which:					
USSR.....		256	525	790	1,187
Eastern Europe.....		278	468	647	967
Developed Countries.....		185	322	558	N.A.
OECD <sup>3</sup> .....		155	279	533	N.A.
Poland					
Total.....		1,326	2,228	3,548	4,927
Of which:					
USSR.....		390	781	1,251	1,816
Eastern Europe.....		335	528	882	1,154
Developed Countries.....		374	607	962	1,363
OECD <sup>3</sup> .....		426	633	1,058	1,441
Romania					
Total.....		717	1,102	1,851	2,586
Of which:					
USSR.....		281	438	529	N.A.
Eastern Europe.....		189	260	395	N.A.
Developed Countries.....		146	255	550	N.A.
OECD <sup>3</sup> .....		138	234	552	N.A.

<sup>1</sup> Domestic currency converted into US dollars at the exchange rate prevailing at time of transactions. Exports are on a f.o.b. basis.

<sup>2</sup> Official East European statistics.

<sup>3</sup> Except for 1972, data are from OECD, Trade by Commodity, Series C, and Department of Commerce, Value Series.

UNCLASSIFIED

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Table 49  
East European Imports, by Country<sup>1</sup>

				Million US \$	
		1966	1965	1970	1972 <sup>2</sup>
Bulgaria					
Total.....		633	1,178	1,831	2,525
Of which:					
USSR.....		332	589	955	N.A.
Eastern Europe.....		174	236	372	N.A.
Developed Countries.....		84	242	324	N.A.
OECD <sup>3</sup> .....		79	221	327	N.A.
Czechoslovakia					
Total.....		1,816	2,672	3,695	4,662
Of which:					
USSR.....		630	955	1,209	1,548
Eastern Europe.....		524	851	1,124	3,132
Developed Countries.....		327	487	880	1,039
OECD <sup>3</sup> .....		281	445	776	1,084
East Germany					
Total.....		2,194	2,810	4,847	6,014
Of which:					
USSR.....		958	1,205	1,945	2,108
Eastern Europe.....		496	603	1,246	1,671
Developed Countries.....		473	619	1,267	1,809
OECD <sup>3</sup> .....		412	597	1,093	1,837
Hungary					
Total.....		976	1,520	2,505	3,154
Of which:					
USSR.....		303	553	832	1,094
Eastern Europe.....		317	415	726	885
Developed Countries.....		235	381	623	N.A.
OECD <sup>3</sup> .....		191	293	623	N.A.
Poland					
Total.....		1,495	2,340	3,608	5,329
Of which:					
USSR.....		465	728	1,361	1,591
Eastern Europe.....		400	706	1,000	1,491
Developed Countries.....		436	548	901	1,747
OECD <sup>3</sup> .....		449	484	865	1,755
Romania					
Total.....		648	1,077	1,960	2,613
Of which:					
USSR.....		266	406	501	N.A.
Eastern Europe.....		173	210	441	N.A.
Developed Countries.....		149	348	756	N.A.
OECD <sup>3</sup> .....		135	319	698	N.A.

<sup>1</sup> Domestic currency converted into US dollars at the exchange rate prevailing at time of transactions. Imports are f.o.b. except for Hungary which is on a c.i.f. basis. Romania does not indicate whether imports are f.o.b. or c.i.f.

<sup>2</sup> Official East European statistics.

<sup>3</sup> Except for 1972, data are from OECD, Trade by Commodity, Series C, and Department of Commerce, Value Series.

UNCLASSIFIED

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Table 50

## Yugoslav Foreign Trade

Million US \$

	1960	1965	1970	1972
<b>Exports</b>				
Total.....	566	1,092	1,680	2,135
Of which:				
USSR.....	53	188	242	314
Eastern Europe.....	129	270	297	435
Developed Countries.....	275	437	894	N.A.
OECD.....	297	465	939	N.A.
<b>Imports</b>				
Total.....	826	1,289	2,874	3,080
Of which:				
USSR.....	57	108	103	270
Eastern Europe.....	154	260	395	485
Developed Countries.....	498	670	1,902	N.A.
OECD.....	495	717	1,935	N.A.

UNCLASSIFIED

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Table 51

Exports by Selected Non-Communist Countries<sup>1</sup>

	1960	1965	1970	1972	Million US \$
OECD.....	82,900	125,000	220,000	293,000	
United States <sup>2</sup> .....	19,659	26,751	42,659	49,208	
Australia.....	1,902	3,005	4,770	6,456	
Canada.....	5,830	8,450	16,745	21,025	
Japan.....	4,055	8,450	19,333	28,620	
Spain.....	726	967	2,386	3,791	
Sweden.....	2,506	3,971	6,795	8,749	
Switzerland.....	1,879	2,960	5,132	6,817	
European Community.....	42,300	64,700	113,000	155,000	
Belgium-Luxembourg.....	3,791	6,394	11,000	16,081	
Denmark.....	1,494	2,320	3,355	4,410	
France.....	6,864	10,179	18,094	26,423	
Ireland.....	428	619	1,120	1,605	
Italy.....	3,648	7,200	13,206	18,548	
Netherlands.....	4,028	6,397	11,773	16,782	
United Kingdom.....	10,811	13,722	19,351	24,361	
West Germany.....	11,418	17,893	34,189	46,695	
Other Countries.....					
Algeria.....	558	637	1,009	N.A.	
Argentina.....	1,070	1,493	1,773	1,868	
Brazil.....	1,269	1,506	2,739	3,087	
Chile.....	488	685	1,247	850	
Colombia.....	466	539	727	586	
Egypt.....	568	605	762	825	
Hong Kong.....	689	1,143	2,514	3,477	
India.....	1,331	1,687	2,026	2,413	
Indonesia.....	841	708	1,009	1,880	
Iran.....	845	1,303	2,355	2,937	
Iraq.....	654	882	1,099	1,176	
Israel.....	217	430	776	1,124	
Kuwait.....	960	1,244	1,580	2,407 <sup>3</sup>	
Libya.....	11	797	2,366	2,083 <sup>3</sup>	
Malaysia.....	1,189	1,236	1,687	1,721	
Mexico.....	764	1,120	1,402	1,814	
Nigeria.....	475	751	1,240	2,146	
Pakistan.....	393	528	723	681	
Peru.....	430	660	1,044	943	
Philippines.....	560	768	1,062	1,105	
Saudi Arabia.....	820	1,305	2,361	3,845 <sup>3</sup>	
Singapore.....	1,136	981	1,554	2,181	
South Africa.....	1,260	1,500	2,186	2,673	
South Korea.....	33	175	835	1,624	
Taiwan.....	164	450	1,428	3,114	
Thailand.....	408	622	710	1,063	
Venezuela.....	2,432	2,482	2,655	3,170	
Zaire.....	N.A.	318	735	692	
Zambia.....	N.A.	533	1,001	670 <sup>3</sup>	

<sup>1</sup> Exports are f.o.b.<sup>2</sup> Excluding Department of Defense shipments.<sup>3</sup> Data are for 1971.

## UNCLASSIFIED

Table 52

Imports by Selected Non-Communist Countries<sup>1</sup>

Million US \$

	1960	1965	1970	1972
OECD.....	86,400	133,000	230,000	305,000
United States.....	10,375	23,185	42,380	58,944
Australia.....	2,704	3,767	5,060	5,144
Canada.....	6,166	8,687	14,482	20,407
Japan.....	4,491	8,176	18,897	23,494
Spain.....	722	3,004	4,717	6,732
Sweden.....	2,901	4,377	7,007	8,062
Switzerland.....	2,243	3,697	6,485	8,465
European Community.....	45,100	69,200	116,000	155,000
Belgium-Luxembourg.....	3,969	6,501	11,413	15,606
Denmark.....	1,806	2,823	4,406	5,053
France.....	6,281	10,386	19,127	27,002
Ireland.....	633	1,041	1,622	2,108
Italy.....	4,725	7,378	14,969	19,282
Netherlands.....	4,531	7,470	13,424	17,421
United Kingdom.....	13,033	16,104	21,724	28,048
West Germany.....	10,107	17,473	29,815	40,192
Other Countries.....				
Algeria.....	1,265	671	1,257	N.A.
Argentina.....	1,240	1,199	1,604	1,840
Brazil.....	1,462	1,096	2,849	4,750
Chile.....	526	604	931	1,430
Colombia.....	519	454	755	836
Egypt.....	668	933	785	877
Hong Kong.....	1,026	1,569	2,905	3,902
India.....	2,327	2,838	2,125	2,273
Indonesia.....	578	695	803	1,620
Iran.....	N.A.	860	1,058	2,410
Iraq.....	389	455	509	713
Israel.....	503	836	1,451	1,897
Kuwait.....	242	378	625	678 <sup>2</sup>
Libya.....	169	320	554	712 <sup>2</sup>
Malaysia.....	905	1,096	1,412	1,643
Mexico.....	1,186	1,560	2,401	2,937
Nigeria.....	604	770	1,059	1,501
Pakistan.....	654	1,047	1,151	667
Peru.....	373	744	603	791
Philippines.....	663	894	1,210	1,370
Saudi Arabia.....	235	506	693	806 <sup>2</sup>
Singapore.....	1,332	1,244	2,461	3,383
South Africa.....	1,711	2,705	3,923	4,022
South Korea.....	344	463	1,984	2,522
Taiwan.....	297	556	1,524	2,843
Thailand.....	453	735	1,293	1,484
Venezuela.....	1,188	1,518	1,994	2,405
Zaire.....	N.A.	305	533	638
Zambia.....	N.A.	375	606	650 <sup>2</sup>

<sup>1</sup> Imports are c.i.f.<sup>2</sup> Data are for 1971.

UNCLASSIFIED

Table 53

## Trade Balance of Selected Non-Communist Countries

		1960	1965	1970	1972	Million US \$
OECD.....		--3,560	--7,540	--9,670	--12,300	
United States.....		3,284	3,506	270	--9,736	
Australia.....		--742	--702	--290	1,312	
Canada.....		--336	--237	2,263	528	
Japan.....		--436	283	436	5,126	
Spain.....		4	--2,037	--2,331	--2,941	
Sweden.....		--335	--406	--212	87	
Switzerland.....		--304	--737	--1,353	--1,048	
European Community.....		--2,800	--4,450	--3,810	192	
Belgium-Luxembourg.....		--178	--107	187	475	
Denmark.....		--312	--503	--1,051	--643	
France.....		583	--207	--1,033	--579	
Ireland.....		--205	--422	--502	--503	
Italy.....		--1,077	--178	--1,763	--734	
Netherlands.....		--503	--1,073	--1,851	--639	
United Kingdom.....		--2,422	--2,382	--2,373	--3,087	
West Germany.....		1,311	420	4,374	6,503	
Other Countries.....						
Algeria.....		--707	--34	--248	N.A.	
Argentina.....		--170	294	79	28	
Brazil.....		--103	500	--110	--763	
Chile.....		--38	81	316	--580	
Colombia.....		--53	85	--28	--250	
Egypt.....		--100	--328	--23	--52	
Hong Kong.....		--337	--426	--391	--425	
India.....		--996	--1,151	--99	140	
Indonesia.....		263	13	116	260	
Iran.....		N.A.	443	697	527	
Iraq.....		265	427	500	463	
Israel.....		--286	--406	--675	--773	
Kuwait.....		718	866	955	1,729 <sup>1</sup>	
Libya.....		--158	477	1,812	1,971 <sup>1</sup>	
Malaysia.....		284	140	275	78	
Mexico.....		--422	--440	--1,059	--1,123	
Nigeria.....		--129	--19	181	645	
Pakistan.....		--261	--519	--428	14	
Peru.....		57	--78	441	152	
Philippines.....		--103	--126	--148	--265	
Saudi Arabia.....		585	889	1,668	3,039 <sup>1</sup>	
Singapore.....		4	--263	--907	--1,202	
South Africa.....		--451	--1,205	--1,737	--1,349	
South Korea.....		--311	--288	--1,149	--808	
Taiwan.....		--133	--106	--96	271	
Thailand.....		--45	--113	--583	--421	
Venezuela.....		1,244	964	661	765	
Zaire.....		N.A.	13	202	54	
Zambia.....		N.A.	158	395	20 <sup>1</sup>	

<sup>1</sup> Data are for 1971.

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Table 54

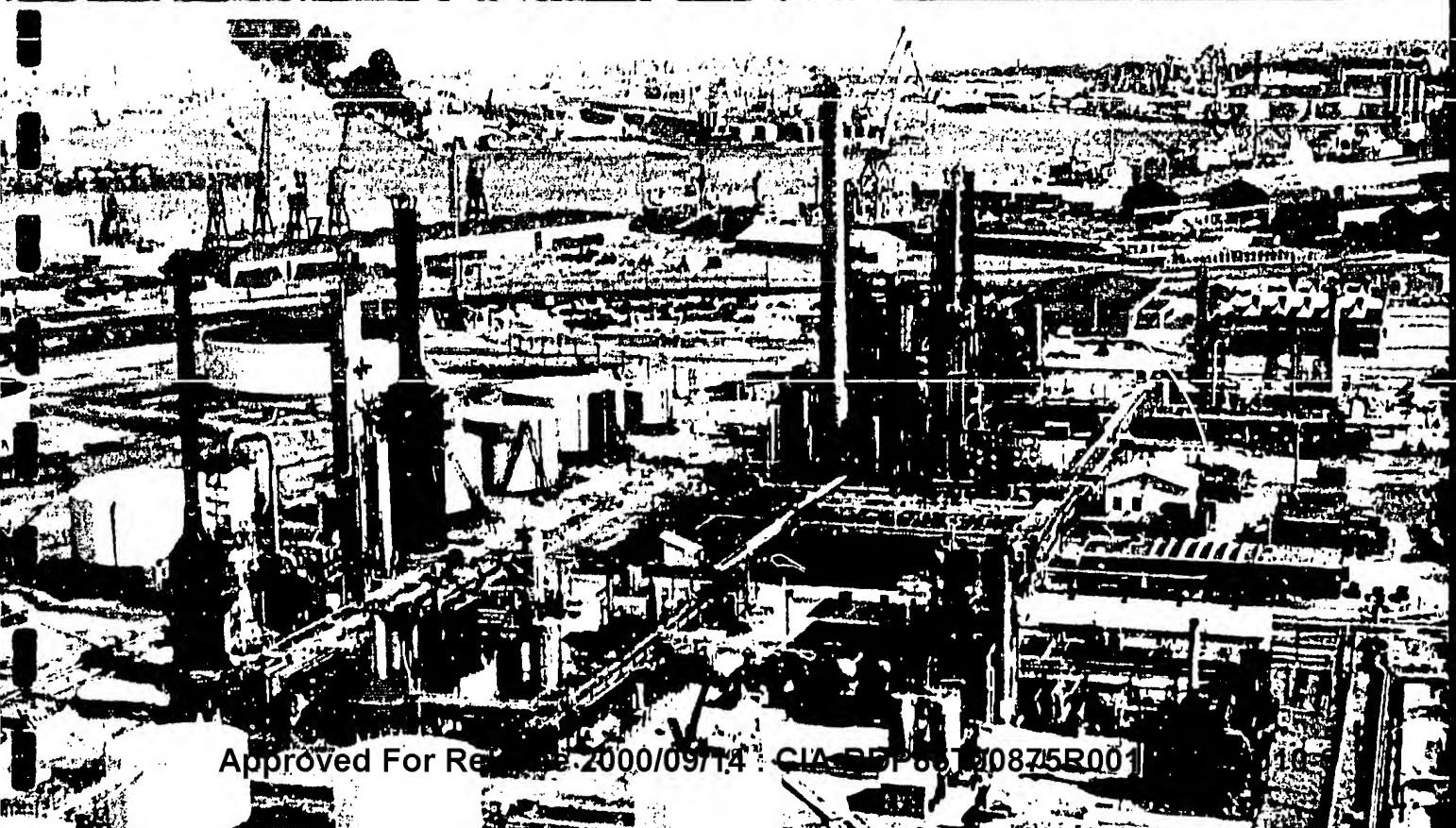
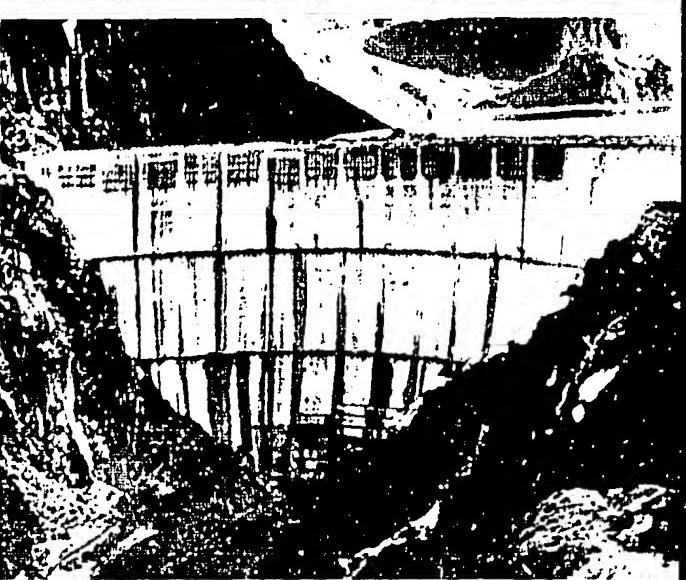
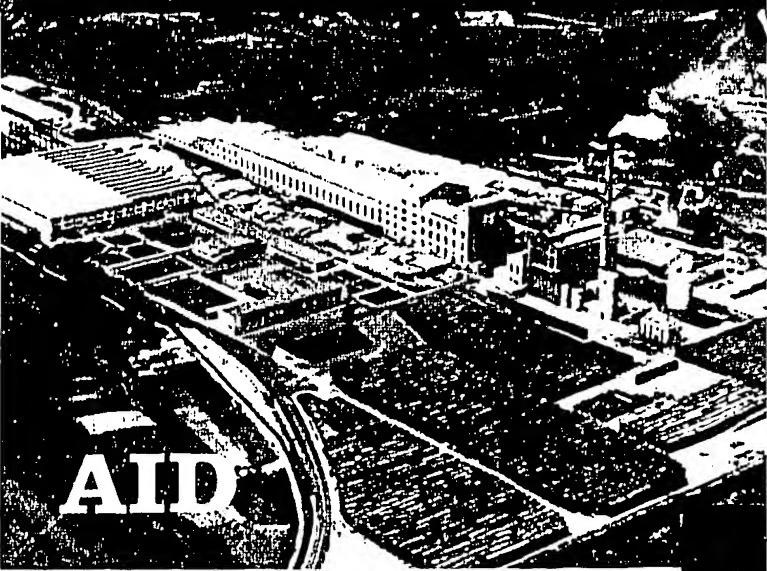
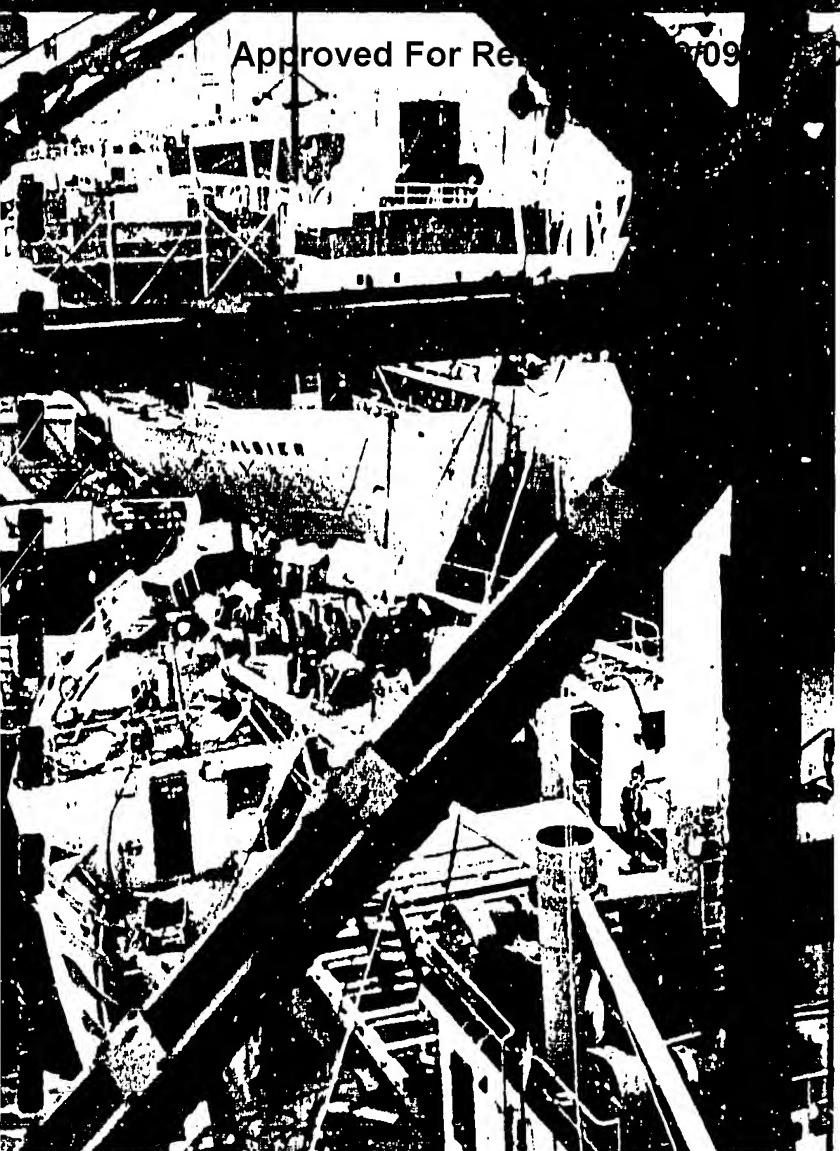
Arms Exports to the Less Developed Countries<sup>1</sup>

Million US \$

	1955-66	1967	1968	1969	1970	1971	1972	1967-72	1955-72
Total.....	19,105	1,750	2,140	2,170	2,940	3,015	3,020	15,035	34,140
Non-Communist Countries.....	14,790	1,215	1,555	1,655	1,855	2,035	2,175	10,485	25,275
United States <sup>2</sup> .....	11,435	900	1,065	1,080	1,405	1,455	1,460	7,365	18,800
Western Europe.....	2,740	295	460	480	415	465	615	2,730	5,470
United Kingdom.....	1,380	135	170	160	145	165	125	900	2,280
France.....	665	90	175	215	140	120	265	1,005	1,670
West Germany.....	250	35	55	35	75	70	100	370	620
Italy.....	140	20	30	15	25	45	50	185	325
Belgium.....	100	5	15	15	10	15	5	65	165
Switzerland.....	100	Negl.	Negl.	5	15	15	20	55	155
Netherlands.....	25	Negl.	5	20	5	5	40	75	100
Spain.....	10	5	10	5	Negl.	15	5	40	50
Other.....	70	5	Negl.	10	Negl.	15	5	35	105
Other.....	610	20	30	95	35	115	100	395	1,005
Communist Countries.....	4,320	535	585	515	1,085	980	845	4,545	8,865
USSR.....	3,590	485	500	440	985	830	710	3,950	7,540
China.....	120	25	25	25	25	65	75	240	360
Eastern Europe.....	610	25	60	50	75	85	60	355	965

<sup>1</sup> Exports include military sales and downpayments, as well as military aid. Data have been rounded to the nearest \$5 million.<sup>2</sup> Data are for fiscal years.

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Table 55

Total Gross Official Bilateral Capital Flows from Developed Countries to Less Developed Countries,<sup>1</sup> by Donor

Million US \$

	1954-71	1954-65	1966-71	1966	1967	1968	1969	1970	1971
Total official bilateral flows.....	101,385*	52,962*	48,423*	7,037*	7,387*	7,466*	7,986*	8,555*	9,992*
Development Assistance Committee <sup>2</sup> .	95,700	50,457	45,243	6,542	6,897	6,981	7,496	8,035	9,292
United States.....	54,207	31,786	22,421	3,799	3,804	3,775	3,533	3,510	4,000
France.....	14,630	8,951	5,679	791	828	913	990	1,039	1,118
United Kingdom.....	6,586	3,568	3,018	530	508	458	430	487	605
West Germany.....	6,641	2,540	4,101	556	611	643	676	718	897
Japan <sup>3</sup> .....	5,019	797	4,222	204	288	334 <sup>4</sup>	936 <sup>5</sup>	1,177	1,283
Other <sup>6</sup> .....	8,617	2,815	5,802	662	858	858	931	1,104	1,389
Communist Countries.....	5,685*	2,505*	3,180*	495*	490*	485*	490*	520*	700*
USSR.....	3,850*	1,885*	1,965*	335*	295*	295*	320*	335*	385*
Eastern Europe.....	1,130*	445*	685*	80*	115*	120*	100*	120*	150*
China.....	705*	175*	530*	80*	80*	70*	70*	65*	165*

<sup>\*</sup>An asterisk indicates that the data are CONFIDENTIAL.<sup>1</sup> Total gross official capital flows include grants (less reparation and indemnification payments); gross loans with maturities of five years or more (Development Assistance Committee (DAC) member flows include gross loans with maturities of one to five years for the period 1965-71, but these amount to less than 4% of the total for that period); and net grant-like flows (loans repayable in recipients' currencies and transfers of resources through sales for recipients' currencies).<sup>2</sup> Members of the Organization for Economic Cooperation and Development.<sup>3</sup> Data for the period 1954-68 exclude Japanese Eximbank and Overseas Economic Cooperation Fund supplier credits.<sup>4</sup> Including reparation and indemnification payments of US \$46 million.<sup>5</sup> Including reparation and indemnification payments of US \$41 million.<sup>6</sup> Including Australia, Austria, Belgium, Canada, Denmark, Italy, Norway, the Netherlands, Portugal, Sweden, and Switzerland. Disbursements by all donors to Yugoslavia are excluded.

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Table 56

Total Gross Official Bilateral Capital Flows to Less Developed Countries,<sup>1</sup> by Recipient, 1954-71

Million US \$

	Communist Countries				Development Assistance Committee Members <sup>2</sup>			
	Total	Total	USSR	Eastern Europe	China	Total	United States	Other <sup>3</sup>
Total.....	101,385*	5,685*	3,850*	1,130*	705*	95,700	54,207	41,493
Africa.....	21,679*	815*	435*	110*	270*	20,864	4,264	16,600
Algeria.....	4,346*	180*	135*	10*	35*	4,166	185	3,981
Guinea.....	304*	160*	80*	30*	50*	144	96	48
Other.....	17,029*	475*	220*	70*	185*	16,554	3,983	12,571
East Asia.....	20,510*	445*	135*	165*	145*	20,065	14,612	5,453
Indonesia.....	3,472*	305*	105*	155*	45*	3,167	1,401	1,766
South Korea.....	4,915	....	....	....	....	4,915	4,156	759
South Vietnam.....	5,138	....	....	....	....	5,138	4,971	167
Other.....	6,985*	140*	30*	10*	100*	6,845	4,084	2,761
Latin America.....	15,959*	180*	55*	125*	....	15,779	11,348	4,431
Brazil.....	3,747*	125*	20*	105*	....	3,622	3,054	568
Chile.....	1,639	....	....	....	....	1,639	1,340	299
Other.....	10,573*	55*	35*	20*	....	10,518	6,954	3,564
Middle East and South Asia.....	33,508*	4,245*	3,225*	730*	290*	29,263	20,353	8,910
Afghanistan.....	1,099*	610*	580*	10*	20*	489	295	194
Egypt.....	2,670*	1,000*	730*	235*	35*	1,670	1,247	423
India.....	13,680*	1,190*	980*	210*	....	12,490	8,573	3,917
Iran.....	1,622*	390*	310*	80*	....	1,232	961	271
Iraq.....	282*	200*	150*	50*	....	82	53	29
Pakistan.....	5,730*	165*	90*	20*	55*	5,565	4,014	1,551
Syria.....	328*	260*	170*	80*	10*	68	32	36
Turkey.....	2,966*	110*	95*	15*	....	2,856	2,159	697
Yemen (San'a).....	199*	125*	65*	10*	50*	74	55	19
Other.....	4,932*	195*	55*	20*	120*	4,737	2,964	1,773
Europe.....	2,155	....	....	....	....	2,155	1,489	666
Other <sup>4</sup> .....	7,574	....	....	....	....	7,574	2,141	5,433

<sup>\*</sup>An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Total gross official capital flows include grants (less reparation and indemnification payments); gross loans with maturities of five years or more (Development Assistance Committee (DAC) member flows include gross loans with maturities of one to five years for the period 1965-71, but these amount to less than 4% of the total for that period); and net grant-like flows (loans repayable in recipients' currencies and transfers of resources through sales for recipients' currencies).

<sup>2</sup> Members of the Organization for Economic Cooperation and Development.

<sup>3</sup> Including Australia, Austria, Belgium, Canada, Denmark, France, Italy, Japan, Norway, the Netherlands, Portugal, Sweden, Switzerland, the United Kingdom, and West Germany. Data for Japan for the period 1954-68 exclude Japanese Eximbank and Overseas Economic Cooperation Fund supplier credits. Australia became a member of the DAC in 1966, and its bilateral flows are counted since 1965.

<sup>4</sup> Countries not specified by region and Oceania.

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Table 57

US Economic Loans and Grants to the Less Developed Countries, by Recipient<sup>1</sup>

Million US \$

	1946-72 <sup>2</sup>	1971 <sup>3</sup>	1972 <sup>3</sup>
Total.....	77,715	4,088	5,337
Africa.....	5,265	411	432
Ethiopia.....	208	23	33
Ghana.....	300	22	15
Liberia.....	296	11	17
Morocco.....	857	78	58
Nigeria.....	422	41	40
Tunisia.....	753	54	49
Zaire.....	452	29	6
Other.....	1,887	153	214
East Asia.....	21,084	1,354	1,499
Cambodia.....	388	77	58
Indonesia.....	1,067	180	246
Laos.....	793	50	52
Philippines.....	1,808	125	112
South Korea.....	5,035	223	299
South Vietnam.....	5,814	576	455
Taiwan.....	2,006	70	188
Thailand.....	674	25	36
Other.....	1,699	28	53
Latin America.....	16,654	647	1,170
Argentina.....	865	39	45
Bolivia.....	592	12	60
Brazil.....	4,120	193	322
Chile.....	1,485	9	9
Colombia.....	1,475	103	135
Dominican Republic.....	497	28	30
Ecuador.....	322	25	12
Guatemala.....	376	20	17
Mexico.....	1,254	32	52
Panama.....	336	20	64
Peru.....	720	20	75
Venezuela.....	455	15	44
Other.....	4,157	131	305
Middle East and South Asia.....	24,528	964	1,170
Afghanistan.....	446	15	36
Bangladesh.....	286	....	286
Egypt.....	1,017	....	105
Greece.....	1,957	14	14
India.....	9,253	457	128
Iran.....	1,176	85	44
Israel.....	1,468	87	125
Jordan.....	676	17	59
Pakistan <sup>4</sup> .....	4,182	120	170
Turkey.....	2,827	94	102
Other.....	1,220	75	101
Europe and Oceania.....	2,520	73	521
Spain.....	2,070	13	452
Other.....	450	60	69
Nonregional.....	7,664	638	544

<sup>1</sup> Data are for fiscal years and include economic and technical assistance and defense support obligations under the Foreign Assistance Act and antecedent legislation, authorized Inter-American Development Bank loans, PL 480 funds earmarked for shipments of surplus agricultural products, authorized long-term Export-Import Bank loans, and US contributions to international organizations.

<sup>2</sup> Data are reported on a net basis, excluding total deobligations.

<sup>3</sup> Data reported are on a gross basis. Deobligations generally are believed to be small.

<sup>4</sup> Including Bangladesh prior to 1972.

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Table 58

US Military Deliveries to the Less Developed Countries, by Recipient<sup>1</sup>

Million US \$

	1955-72	1971	1972
Total.....	19,834	1,507	1,535
Africa.....	452	39	49
Ethiopia.....	168	12	12
Libya.....	82	5	10
Morocco.....	75	9	4
Tunisia.....	30	2	2
Zaire.....	48	5	14
Other.....	43	6	7
East Asia.....	8,296	444	479
Burma.....	83	2	1
Malaysia.....	56	2	20
Philippines.....	300	20	17
South Korea.....	3,418	160	178
Taiwan.....	2,654	130	111
Thailand.....	538	16	4
Other.....	1,157	114	148
Latin America.....	1,376	93	111
Argentina.....	182	20	23
Brazil.....	337	10	17
Chile.....	155	8	24
Colombia.....	119	5	3
Ecuador.....	53	2	3
Peru.....	157	9	10
Uruguay.....	53	3	4
Venezuela.....	143	20	8
Other.....	179	16	19
Middle East and South Asia.....	8,676	878	819
Greece.....	1,437	136	72
India.....	173	4	8
Iran.....	1,673	113	309
Israel.....	1,145	424	243
Jordan.....	267	39	35
Pakistan.....	780	19	4
Saudi Arabia.....	453	20	20
Turkey.....	2,649	120	122
Other.....	99	4	6
Europe.....	1,033	51	75
Portugal.....	225	2	3
Spain.....	808	49	72

<sup>1</sup> Fiscal years. Including deliveries under the following programs: (a) Military Assistance Program (MAP) grants under the various Mutual Security Acts; (b) Foreign Military Sales (FMS), which consists of US-financed arms, US-guaranteed private arms credits, and US-approved commercial sales; and (c) Excess Stock Sales (ESS), which involve surplus equipment that has been valued at 33% of the original acquisition value. Excluding some \$15.7 billion worth of arms provided under the Military Assistance Service Funded (MASF) program; MASF was designed to support non-US forces engaged in combat in Indochina and was provided directly from the US military budget. South Vietnam began receiving MASF funds in March 1966 and Laos and Thailand in 1967. South Korea, which had a large force in South Vietnam, received some MASF support. US data also exclude some \$700 million in naval equipment made available under the Ship Loan and Lease Program.

Table 59

Communist Economic Aid to Less Developed Countries, Extensions and Drawings

Million US \$

	Total		USSR		Eastern Europe		China	
	Extended	Drawn	Extended	Drawn	Extended	Drawn	Extended	Drawn
Total.....	15,023	6,405*	8,229	4,145*	4,095	1,255*	2,699	1,005*
1954-65.....	6,871	2,605*	4,226	1,870*	1,852	480*	793	255*
1966-72.....	8,152	3,800*	4,003	2,275*	2,243	775*	1,906	750*
1966.....	1,591	495*	1,244	335*	228	80*	119	80*
1967.....	437	400*	269	295*	118	115*	50	80*
1968.....	596	485*	374	295*	166	120*	56	70*
1969.....	906	490*	476	320*	430	100*	....	70*
1970.....	1,091	520*	104	335*	188	120*	709	65*
1971.....	1,806	700*	865	385*	468	150*	473	165*
1972.....	1,725	620*	581	310*	645	90*	499	220*

\*An asterisk indicates that the data are CONFIDENTIAL.

Table 60

Communist Military Aid to Less Developed Countries, Extensions and Drawings

Million US \$

	Total		USSR		Eastern Europe		China	
	Extended	Drawn	Extended	Drawn	Extended	Drawn	Extended	Drawn
Total.....	9,921 *	8,321 *	8,475 *	7,124 *	1,902 *	839 *	444 *	358 *
1955-65.....	4,716 *	3,564 *	4,050 *	3,017 *	550 *	499 *	116 *	48 *
1966-72.....	5,205 *	4,757 *	4,425 *	4,107 *	452 *	340 *	328 *	310 *
1966.....	516 *	569 *	449 *	455 *	15 *	43 *	52 *	71 *
1967.....	647 *	488 *	515 *	443 *	75 *	21 *	57 *	24 *
1968.....	525 *	531 *	462 *	455 *	45 *	50 *	18 *	26 *
1969.....	427 *	469 *	338 *	408 *	86 *	36 *	3 *	25 *
1970.....	1,073 *	1,021 *	984 *	926 *	34 *	71 *	55 *	24 *
1971.....	1,518 *	904 *	1,367 *	764 *	85 *	75 *	66 *	65 *
1972.....	499 *	775 *	310 *	656 *	112 *	44 *	77 *	75 *

\*An asterisk indicates that the data are CONFIDENTIAL.

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Table 61

Soviet Economic Aid Extended to Less Developed Countries, by Recipient

Million US \$

	1954-72	1971	1972
Total.....	8,229	865	581
Africa.....	1,252	192	...
Algeria.....	421	189	...
Ethiopia.....	102	...	...
Ghana.....	93	...	...
Guinea.....	108	...	...
Kenya.....	48	...	...
Mali.....	60	...	...
Morocco.....	88	...	...
Sierra Leone.....	28	...	...
Somalia.....	66	...	...
Sudan.....	64	...	...
Tanzania .....	20	...	...
Tunisia.....	34	...	...
Other.....	60	3	...
East Asia.....	154	...	...
Indonesia.....	114	...	...
Other.....	40	...	...
Latin America.....	448	41	144
Argentina.....	45	...	...
Bolivia.....	30	2	...
Brazil.....	85	...	...
Chile.....	238	39	144
Other.....	50	...	...
Middle East and South Asia.....	6,375	632	437
Afghanistan.....	826	5	121
Bangladesh.....	74	...	74
Egypt.....	1,198	196	...
India.....	1,593	...	...
Iran.....	562	...	...
Iraq.....	549	222	...
Pakistan <sup>1</sup> .....	474	209	...
Sri Lanka.....	38	...	...
Syria.....	317	...	84
Turkey.....	534	...	158
Yemen (San'a).....	92	...	...
Other.....	118	...	...

<sup>1</sup> Including Bangladesh prior to 1972.

ALL DATA IN THIS TABLE ARE CONFIDENTIAL

Table 62

## Soviet Military Aid Extended to and Drawn by the Less Developed Countries

Million US \$

	Extended			Drawn		
	1956-72	1971	1972	1956-72	1971	1972
Total.....	8,475	1,367	310	7,124	764	656
Africa.....	604	125	....	482	39	19
Algeria.....	395	100	....	291	25	5
Burundi.....	Negl.	....	....	Negl.	....	....
Congo.....	14	....	....	7	5	....
Equatorial Guinea.....	Negl.	Negl.	....	Negl.	Negl.	Negl.
Ghana.....	10	....	....	10	....	....
Guinea.....	25	15	....	23	5	8
Mali.....	6	2	....	5	1	Negl.
Morocco.....	13	....	....	13	....	....
Nigeria.....	9	....	....	9	....	....
Somalia.....	54	8	....	53	1	6
Sudan.....	66	....	....	62	2	....
Tanzania.....	2	....	....	2	....	....
Uganda.....	10	....	....	7	....	....
East Asia.....	1,104	....	....	868	....	....
Burma.....	Negl.	....	....	Negl.	Negl.	....
Cambodia.....	12	....	....	10	....	....
Indonesia.....	1,092	....	....	858	....	....
Middle East and South Asia.....	6,767	1,242	310	5,774	725	637
Afghanistan.....	455	107	....	296	10	11
Bangladesh.....	N.A.	....	N.A.	....	....	....
Cyprus.....	26	....	....	18	....	....
Egypt.....	2,685	400	150	2,645	350	250
India.....	1,232	205	98	906	153	84
Iran.....	480	155	....	333	75	73
Iraq.....	1,002	250	....	750	30	80
Lebanon.....	3	3	....	3	....	3
Maldives.....	Negl.	Negl.	....	Negl.	....	....
Pakistan <sup>1</sup> .....	64	....	....	20	....	....
Sri Lanka.....	2	2	....	2	2	....
Syria.....	714	110	62	698	100	125
Yemen (Aden).....	27	10	....	26	5	11
Yemen (San'a).....	77	....	....	77	....	....

<sup>1</sup> Including Bangladesh prior to 1972.

ALL DATA IN THIS TABLE ARE CONFIDENTIAL

Table 63

## Chinese Economic Aid Extended to Less Developed Countries, by Recipient

Million US \$

	1956-72	1971	1972
Total.....	2,699	473	499
Africa.....	1,322	295	210
Algeria.....	92	40	....
Burundi.....	20	....	20
Central African Republic.....	4	....	....
Congo.....	25	....	....
Dahomey.....	44	....	44
Ethiopia.....	84	84	....
Ghana.....	40	....	....
Guinea.....	66	....	....
Kenya.....	18	....	....
Malagasy Republic.....	9	....	9
Mali.....	55	....	....
Mauritania.....	25	20	....
Mauritius.....	34	....	34
Rwanda.....	22	....	22
Somalia.....	132	110	....
Sudan.....	82	40	....
Tanzania.....	256	1	....
Togo.....	45	....	45
Tunisia .....	36	....	36
Uganda.....	15	....	....
Zambia.....	218	....	....
East Asia.....	281	57	....
Burma.....	84	57	....
Cambodia.....	92	....	....
Indonesia.....	105	....	....
Latin America.....	133	44	89
Chile.....	65	2	63
Guyana.....	26	....	26
Peru.....	42	42	....
Middle East and South Asia.....	963	77	200
Afghanistan .....	73	....	45
Egypt.....	106	....	....
Iraq.....	45	45	....
Malta.....	45	....	45
Nepal.....	62	....	....
Pakistan <sup>1</sup> .....	309	....	....
Sri Lanka.....	129	32	44
Syria.....	61	....	45
Yemen (Aden).....	55	....	....
Yemen (San'a).....	78	....	21

<sup>1</sup> Including Bangladesh prior to 1972.

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Table 64

**Chinese Military Aid Extended to and Drawn by the Less Developed Countries, by Recipient**  
**Million US \$**

	Extended			Drawn		
	1958-72	1971	1972	1958-72	1971	1972
Total.....	444	66	77	358	65	75
Africa.....	66	1	11	56	28	5
Algeria.....	12	...	...	12	...	...
Burundi.....	2	...	2	...	...	...
Congo.....	4	Negl.	1	3	2	...
Equatorial Guinea.....	Negl.	...	Negl.	...	...	...
Guinea.....	2	1	...	1	1	...
Mali.....	Negl.	Negl.	...	Negl.	Negl.	Negl.
Sierra Leone.....	Negl.	Negl.	...	Negl.	Negl.	Negl.
Sudan.....	3	...	3	2	...	2
Tanzania.....	43	...	5	38	25	3
Zambia.....	Negl.	Negl.	...	Negl.	...	Negl.
East Asia.....	35	...	...	34	...	...
Cambodia.....	14	...	...	13	...	...
Indonesia.....	21	...	...	21	...	...
Middle East and South Asia.....	343	65	66	268	37	70
Iraq.....	Negl.	Negl.	...	...	...	...
Pakistan <sup>1</sup> .....	335	60	65	260	36	64
Sri Lanka.....	6	5	1	6	...	6
Syria.....	2	...	...	2	1	...

<sup>1</sup> Including Bangladesh prior to 1972.

ALL DATA IN THIS TABLE ARE CONFIDENTIAL

Table 65  
East European Economic Aid Extended to Less Developed Countries, by Recipient  
Million US \$

	1954-72	1971	1972
Total.....	4,095	468	645
Africa.....	785	99	209
Algeria.....	246	...	150
Ethiopia.....	17	...	...
Ghana.....	102	...	...
Guinea.....	25	...	...
Mali.....	23	...	...
Morocco.....	40	...	...
Nigeria.....	38	24	...
Somalia.....	5	...	2
Sudan.....	153	75	...
Tanzania.....	13	...	7
Tunisia.....	73	...	...
Zambia.....	50	...	50
East Asia.....	306	...	...
Burma.....	26	...	...
Cambodia.....	17	...	...
Indonesia.....	263	...	...
Latin America.....	590	174	98
Argentina.....	9	...	...
Bolivia.....	26	25	...
Brazil.....	227	...	...
Chile.....	120	95	20
Colombia.....	5	5	...
Ecuador.....	15	5	...
Peru.....	153	44	78
Uruguay.....	25	...	...
Venezuela.....	10	...	...
Middle East and South Asia.....	2,414	195	338
Afghanistan.....	12	...	...
Bangladesh.....	25	...	25
Egypt.....	671	142	...
India.....	382	...	...
Iran.....	435	...	10
Iraq.....	419	37	200
Pakistan <sup>1</sup> .....	74	...	...
Sri Lanka.....	62	...	10
Syria.....	287	...	93
Turkey.....	14	...	...
Yemen (Aden).....	16	16	...
Yemen (San'a).....	17	...	...

<sup>1</sup> Including Bangladesh prior to 1972.

ALL DATA IN THIS TABLE ARE CONFIDENTIAL

Table 66

**East European Military Aid Extended to and Drawn by the Less Developed Countries,  
by Recipient**

	Extended			Drawn			Million US \$
	1955-72	1971	1972	1955-72	1971	1972	
Total.....	1,002	85	112	839	75	44	
Africa.....	37	....	....	32	1	....	
Algeria.....	1	....	....	1	....	....	
Congo.....	Negl.	....	Negl.	....	....	....	
Guinea.....	1	....	....	1	....	....	
Morocco.....	20	....	....	20	....	....	
Sudan.....	9	....	....	4	1	....	
Tanzania.....	1	....	....	1	....	....	
Uganda.....	5	....	....	5	....	....	
East Asia.....	199	....	....	189	....	....	
Indonesia.....	199	....	....	189	....	....	
Middle East and South Asia.....	766	85	112	618	74	44	
Afghanistan.....	20	....	....	20	....	....	
Cyprus.....	1	....	....	1	....	....	
Egypt.....	331	15	20	331	11	33	
India.....	107	53	1	106	49	4	
Iraq.....	172	15	80	56	5	3	
Syria.....	101	....	9	71	9	....	
Yemen (Aden).....	4	2	2	4	....	4	
Yemen (San'a).....	30	....	....	29	....	....	

ALL DATA IN THIS TABLE ARE CONFIDENTIAL

Table 67

Communist Major Military Equipment Delivered to Less Developed Countries, by Recipient, 1972

	Land Armaments				Naval Auxiliary Vessels and Landing Craft	Aircraft		Air-to-Air Guided Missile Systems <sup>3</sup>	Surface-to-Air Guided Missile Systems <sup>4</sup>
	Light Tanks	Medium Tanks	Personnel Carriers <sup>1</sup>	Artillery Pieces		Jet Fighters	Other <sup>2</sup>		
<b>Africa</b>									
Algeria.....	....	40	....	....	....	....	....	....	....
Equatorial Guinea.....	....	....	5	....	....	....	....	....	....
Guinea.....	....	10	5	5	2	5	2	....	....
Libya.....	....	40	40	....	....	....	....	....	....
Mali.....	10	....	....	....	....	....	....	....	....
Nigeria.....	....	....	....	....	....	....	5	....	....
Somalia.....	....	....	15	40	5	2	5	....	....
Sudan.....	10	....	....	....	....	5	....	....	....
Tanzania.....	....	....	....	....	5	....	....	....	....
Zambia.....	....	....	25	....	....	....	....	....	....
<b>Middle East and South Asia</b>									
Afghanistan.....	....	35	5	....	....	....	5	....	....
Egypt.....	....	300	230	....	2	145	5	....	5
India.....	....	15	40	5	2	25	30	25	....
Iran.....	....	....	180	95	....	....	....	....	....
Iraq.....	....	115	50	5	3	10	15	....	4
Lebanon.....	....	....	....	25	....	....	....	....	....
Pakistan.....	....	170	....	340	6	30	....	....	....
Sri Lanka.....	....	....	....	10	5	....	....	....	....
Syria.....	....	100	30	5	2	35	15	35	4
Yemen (Aden).....	....	....	55	55	4	....	10	....	....

<sup>1</sup> Armored and amphibious.

<sup>2</sup> Including nonjet combat aircraft, trainers, transports, and helicopters.

<sup>3</sup> Number of fighter aircraft equipped with AA Ms (two to four per aircraft).

<sup>4</sup> Number of SAM firing battalions, or sites (six launchers per SA-2 site, four launchers per SA-3 site).

ALL DATA IN THIS TABLE ARE CONFIDENTIAL

Table 68

**Communist Major Deliveries of Land Armaments and Naval Ships to Less Developed Countries, by Recipient**  
**January 1967–December 1972**

	Land Armaments					Naval Ships	
	Medium Tanks	Light Tanks	Self- Propelled Assault Guns	Personnel Carriers <sup>1</sup>	Artillery Pieces	Motor Torpedo and Missile Boats	Other
<b>Africa</b>							
Algeria.....	20	...	6	135	5	0	6 <sup>2</sup>
Congo.....	...	15	...	10	30	...	4 <sup>3</sup>
Equatorial Guinea .....	...	...	...	5	...	...	...
Guinea.....	20	15	...	10	25	2	3 <sup>3</sup>
Libya.....	360	...	25	350	190	...	...
Mali.....	...	10	...	...	...	...	...
Morocco.....	80	...	5	80	...	...	...
Nigeria.....	...	...	...	30	90	...	...
Somalia.....	70	...	...	45	125	...	3 <sup>3</sup>
Sudan.....	100	10	...	210	100	...	7 <sup>3</sup>
Tanzania.....	25	15	...	20	125	...	...
Uganda.....	...	...	...	35	25	...	...
Zambia.....	...	...	...	25	...	...	...
<b>East Asia</b>							
Cambodia.....	...	...	...	15	35	...	...
<b>Near East and South Asia</b>							
Afghanistan.....	135	...	...	165	95	...	...
Egypt.....	1,025	10	5	870	705	9	24 <sup>4</sup>
India.....	395	...	...	395	45	8	18 <sup>5</sup>
Iran.....	...	...	...	800	585	...	...
Iraq.....	370	...	30	585	280	3	2 <sup>6</sup>
Pakistan <sup>7</sup> .....	535	...	...	...	530	...	6 <sup>8</sup>
Sri Lanka.....	...	...	...	20	...	...	5 <sup>9</sup>
Syria.....	630	25	60	175	530	2	...
Yemen (Aden).....	65	...	...	115	145	...	6 <sup>10</sup>

<sup>1</sup> Armored and amphibious.<sup>2</sup> Including two minesweepers, three submarine chasers, and one auxiliary vessel.<sup>3</sup> Auxiliary vessels and landing craft<sup>4</sup> Including two destroyers and three submarines received in exchange for older models returned to the USSR, seven minesweepers, and 12 auxiliary vessels and landing craft.<sup>5</sup> Including four submarines, seven submarine chasers, and seven auxiliary vessels and landing craft.<sup>6</sup> Minesweepers.<sup>7</sup> Including Bangladesh prior to 1972.<sup>8</sup> Patrol boats.<sup>9</sup> Motor gun boats.<sup>10</sup> Including four naval landing craft and two submarine chasers.

ALL DATA IN THIS TABLE ARE CONFIDENTIAL

Table 69

Communist Major Deliveries of Aircraft and Guided Missile Systems to Less Developed Countries, by Recipient  
 January 1967-December 1972

	Aircraft				Guided Missile Systems <sup>1</sup>		
	Light Jet Bombers	Jet Fighters	Heavy Transports	Other <sup>2</sup>	Air-to-Air <sup>3</sup>	Surface-to-Air <sup>4</sup>	Surface-to-Surface <sup>5</sup>
<b>Africa</b>							
Algeria.....	5	50	....	15	16	6	3
Congo.....	....	....	2	3	....	....	....
Guinea.....	....	5	....	5	....	....	....
Nigeria.....	....	35	....	20	....	....	....
Somalia.....	5	15	....	....	....	....	....
Sudan.....	....	30	....	15	30	1	....
Uganda.....	....	5	....	15	....	....	....
<b>East Asia</b>							
Cambodia.....	....	....	....	1	....	....	....
<b>Middle East and South Asia</b>							
Afghanistan.....	....	40	1	5	18	1	....
Egypt.....	60 <sup>7</sup>	565	5	240	271	105	3
India.....	170 <sup>8</sup>	....	....	80	23	....	....
Iraq.....	....	150	5	90	....	4	....
Pakistan <sup>9</sup> .....	....	60	....	10	....	....	....
Sri Lanka.....	....	5	....	5	....	....	....
Syria.....	....	265	5	75	129	14	....
Yemen (Aden).....	2	20	....	10	....	....	....
Yemen (San'a).....	5	30	....	....	....	....	....

<sup>1</sup> Data reflect numbers of aircraft, ships, and sites having missile capability.

<sup>2</sup> Including nonjet combat aircraft, trainers, transports, and helicopters.

<sup>3</sup> Number of fighter aircraft equipped with AAMs (two to four per aircraft).

<sup>4</sup> Number of SAM firing battalions, or sites (four to six launchers per site).

<sup>5</sup> Ship launched. These data constitute the number of Komar- and Osa-class ships equipped with SSMs (two to four per ship).

<sup>6</sup> An undetermined number of SAMs have been received.

<sup>7</sup> Including 24 medium jet bombers.

<sup>8</sup> Excluding those fighters assembled at the aeronautics plant in Nasik.

<sup>9</sup> Including Bangladesh prior to 1972.

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Table 70

Academic, Technical, and Military Trainees Departing from Less Developed Countries for Training in Communist Countries, by Area of Destination<sup>1</sup>

	1966	1967	1968	1969	1970	1971	1972
Total trainees.....	6,110	5,450	6,505	7,095	7,845	8,140	9,845
USSR and Eastern Europe.....	5,920	5,335	6,500	7,080	7,535	7,670	8,795
China.....	190	115	5	15	310	470	1,050
Academic trainees.....	3,355	3,000	3,535	3,995	3,645	4,100	4,270
USSR and Eastern Europe.....	3,355	3,000	3,535	3,995	3,645	4,100	4,070
China.....	....	....	....	....	....	....	200
Technical trainees.....	1,205	1,245	1,455	1,880	1,650	2,835	2,360
USSR and Eastern Europe.....	1,125	1,220	1,450	1,880	1,650	2,835	2,360
China.....	80	25	5	....	....	....	....
Military trainees.....	1,550	1,205	1,515	1,220	2,550	1,205	3,215
USSR and Eastern Europe.....	1,440	1,115	1,515	1,205	2,240	735	2,365
China.....	110	90	....	15	310	470	850

<sup>1</sup> Rounded to the nearest five persons. Data are for persons departing for training and not necessarily those completing training.

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Table 71

Military Personnel from Less Developed Countries Trained in Communist Countries<sup>1</sup>

	Departures to Communist Countries								Being Trained, December 1972			
	1971				1972							
	Total	USSR	Eastern Europe	China	Total	USSR	Eastern Europe	China	Total	USSR	Eastern Europe	China
Total.....	1,205	660	75	470	3,215	2,320	45	850	3,850	2,610	135	1,105
Africa.....	635	95	70	470	1,470	660	20	790	2,070	935	90	1,045
Algeria.....	....	....	....	....	....	....	....	....	170	170	....	....
Congo.....	90	15	....	75	20	....	20	....	225	110	20	95
Guinea.....	....	....	....	....	545	185	....	360	545	185	....	360
Nigeria.....	20	20	....	....	....	....	....	....	....	....	....	....
Sierra Leone.....	....	....	....	....	120	....	....	120	60	....	....	60
Somalia.....	130	60	70	....	500	450	....	50	570	450	70	50
Sudan.....	....	....	....	....	10	....	....	10	30	20	....	10
Tanzania.....	395	....	....	395	240	....	....	240	460	....	....	460
Zambia.....	....	....	....	....	35	25	....	10	10	....	....	10
Middle East and												
South Asia.....	570	565	5	....	1,745	1,660	25	60	1,780	1,675	45	60
Afghanistan.....	150	150	....	....	205	200	5	....	405	400	5	....
Bangladesh.....	....	....	....	....	250	250	....	....	250	250	....	....
Egypt.....	300	300	....	....	220	220	....	....	50	50	....	....
India.....	....	....	....	....	175	170	5	....	50	50	....	....
Iran.....	....	....	....	....	25	25	....	....	10	10	....	....
Iraq.....	45	40	5	....	155	145	10	....	235	225	10	....
Pakistan.....	....	....	....	....	60	....	....	60	60	....	....	60
Syria.....	50	50	....	....	535	530	5	....	555	530	25	....
Yemen (Aden).....	25	25	....	....	120	120	....	....	145	145	....	....
Yemen (San'a).....	....	....	....	....	....	....	....	....	250	250	....	....

<sup>1</sup> Rounded to the nearest five persons. Data refer to the number of persons departing for or in training but not necessarily completing training.

ALL DATA IN THIS TABLE ARE CONFIDENTIAL

Table 72

Communist Economic and Military Technicians<sup>1</sup> in Less Developed Countries, by Country, 1972

	Economic				Military		
	Total	USSR	Eastern Europe	China	Total	USSR and Eastern Europe	China
Total.....	39,960	11,440	6,165	22,355	10,550	9,660	890
Africa.....	28,460	3,955	4,030	20,465	2,590	1,755	835
Algeria.....	3,080	1,480	1,100	590	1,000	1,000	...
Congo.....	620	260	30	330	60	30	30
Ethiopia.....	195	75	90	30	...	...	...
Ghana.....	130	45	80	5	...	...	...
Guinea.....	1,460	640	220	600 <sup>2</sup>	110	110	...
Kenya.....	130	15	115	...	...	...	...
Libya.....	1,160	10	1,150	...	20	20	...
Mali.....	455	120	40	295	20	10	10
Mauritania.....	215	15	...	200	...	...	...
Morocco.....	545	330	215	...	...	...	...
Nigeria.....	310	160	150	...	70	70	..
Somalia.....	1,215	200	15	1,000	400	400	...
Sudan.....	395	70	70	255	180	100	80
Tanzania.....	15,640	165	75	15,400	705	...	705
Tunisia.....	665	45	620	...	...	...	...
Zambia.....	1,825	80	10	1,735	...	...	...
Other.....	420	255	50	115	25	15	10
East Asia.....	75	25	20	30	...	...	...
Burma.....	55	25	...	30	...	...	...
Indonesia.....	15	...	15	...	...	...	...
Thailand.....	5	...	5	...	...	...	...
Latin America.....	385	225	130	30	...	...	...
Brazil.....	55	5	50	...	...	...	...
Chile.....	190	140	50	...	...	...	...
Other.....	140	80	30	30	...	...	...
Middle East and South Asia.....	11,040	7,225	1,985	1,830	7,960	7,905	55
Afghanistan.....	1,265	1,025	100	140	200	200	...
Bangladesh.....	60	60	...	...	...	...	...
Egypt.....	1,065	550	510	5	5,500	5,500 <sup>3</sup>	...
India.....	1,210	850	360	...	220	220	...
Iran.....	2,250	2,000	250	...	30	30	...
Iraq.....	880	685	195	...	500	500	...
Kuwait.....	35	15	20	...	...	...	...
Lebanon.....	25	...	25	...	...	...	...
Malta.....	15	...	...	15	...	...	...
Nepal.....	575	80	...	495	...	...	...
Pakistan.....	160	105	25	30	25	...	25
Sri Lanka.....	555	95	90	370	35	5	30
Syria.....	1,560	1,300	200	60	1,140	1,140	...
Turkey.....	190	180	10	...	...	...	...
Yemen (Aden).....	765	200	80	485	210	210	...
Yemen (San'a).....	430	80	110	230	100	100	...

<sup>1</sup> Rounded to the nearest five persons. Data are minimum estimates of the number of persons present for a period of one month or more. Persons engaged solely in commercial activities are excluded.<sup>2</sup> Including 20 North Koreans.<sup>3</sup> By the end of 1972, about a hundred Soviet military advisers were still stationed in Egypt.

ALL DATA IN THIS TABLE ARE CONFIDENTIAL

ALL DATA IN THIS TABLE ARE CONFIDENTIAL

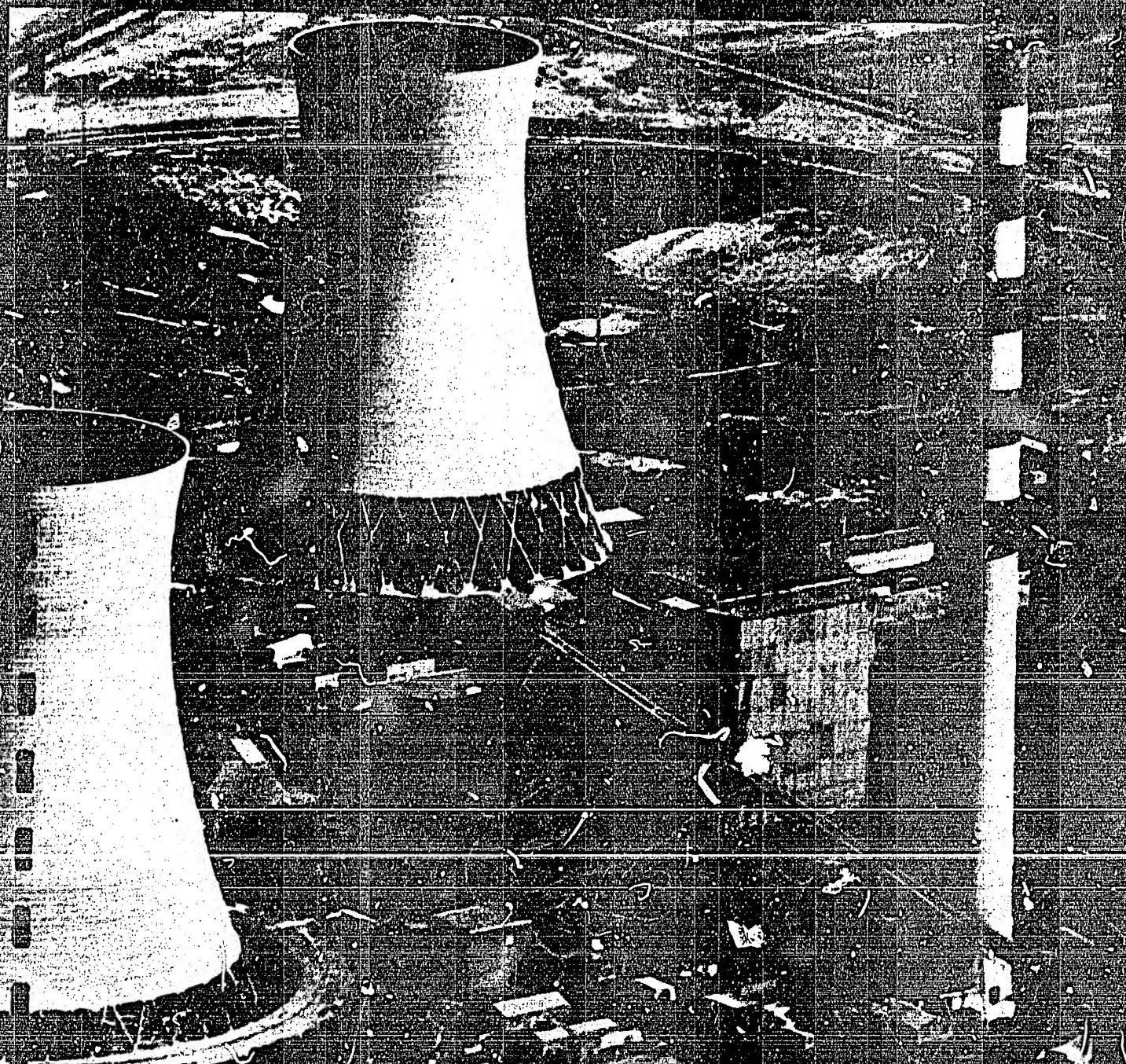
Table 73

## Soviet Economic Aid Extended to the Communist Countries, by Recipient

Million US \$

	1954-65 <sup>1</sup>	1966	1967	1968	1969	1970	1971	1972	1966-72	1954-72
Total.....	6,188	543	1,042	1,065	1,148	404	1,812	1,835	7,849	14,037
Eastern Europe.....	2,946	....	10	500	591	Negl.	1,111	....	2,212	5,158
Bulgaria.....	1,104	....	....	333	591	....	....	....	924	2,028
Czechoslovakia.....	14	....	....	....	....	....	....	....	....	14
East Germany.....	990	....	....	....	....	....	....	....	....	990
Hungary.....	338	....	10	167	....	....	....	....	....	515
Poland.....	378	....	....	....	....	....	1,111	....	1,111	1,489
Romania.....	123	....	....	....	....	Negl.	....	....	Negl.	123
Far East.....	612	....	....	30	75	95	95	150	445	1,057
China.....	495	....	....	....	....	....	....	....	....	495
North Korea.....	118	....	....	30	75	95	95	150	445	562
Other.....	2,630	543	1,632	535	482	309	606	1,685	5,192	7,821
Albania.....	65	....	....	....	....	....	....	....	....	65
Cuba.....	1,327	413	482	535	482	309	506	1,025	3,752	5,079
Mongolia.....	1,059	....	550	....	....	....	100	120	770	1,828
Yugoslavia.....	178	130	....	....	....	....	....	540	670	848

<sup>1</sup> Excluding data for Eastern Europe prior to 1956 because war reparations and other assets and privileged arrangements obtained by the USSR from these countries created a heavy net flow of capital toward the USSR during these years.



# FUELS AND POWER

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Table 74

**Production of Primary Energy<sup>1</sup>**  
**Million Metric Tons of Coal Equivalents**

	1960	1965	1970	1972
<b>OECD<sup>2</sup></b>				
United States.....	1,430.0	1,718.6	2,169.8	2,183.3
Canada.....	120.2	175.9	272.9	343.1
Japan.....	85.8	92.4	90.7	87.3
Norway.....	17.4	27.3	32.0	39.5
European Community.....	555	565	557	583
Belgium <sup>3</sup> .....	22.7	20.5	12.1	11.4
France.....	86.3	90.0	35.5	82.0
Italy.....	38.9	41.2	46.5	51.0
Netherlands.....	15.4	16.9	49.1	82.8
United Kingdom.....	199.9	202.1	176.9	173.7
West Germany.....	188.8	190.5	184.4	181.4
Other Countries				
Iran.....	69.6	124.5	265.4	344.3
Kuwait.....	107.7	144.1	184.0	201.9
Saudi Arabia.....	80.7	132.7	233.7	375.5
Communist Countries				
USSR and Eastern Europe.....	937*	1,270	1,600	1,720
USSR.....	662.7	942.5	1,218.1	1,323.0
Eastern Europe.....	275*	329	382	400
Bulgaria.....	7.7	9.4	10.2	9.2
Czechoslovakia.....	50.9	61.9	66.6	68.3
East Germany.....	73.6*	81.4	85.1	85.8
Hungary.....	14.8	18.3	20.6	19.4
Poland.....	93.5	110.9	137.4	149.0
Romania.....	34.2	43.8	62.2	68.2
Far East				
China.....	207.7	205.7	290.5	340.6
North Korea.....	14.1	21.6	28.1	30.1
North Vietnam.....	2.4*	3.7*	2.7*	2.1*
Other				
Afghanistan.....	1.1	1.4*	2.4*	3.1*
Yugoslavia.....	15.5	21.3	24.1	26.5

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Data are for coal, crude oil, natural gas, and hydroelectric power expressed in terms of coal equivalents (calorific value of 7,000 kilocalories per kilogram), and exclude minor fuels such as peat, shale, and fuelwood.

<sup>2</sup> The following coefficients were used to convert the sources of primary energy into hard coal equivalents: coal (metric tons), 1.0; brown coal and lignite (metric tons), 0.29; crude oil (metric tons), 1.3; crude natural gasoline (metric tons), 1.5; natural gas (1,000 cubic meters), 1.32; and hydroelectricity (1,000 kilowatt-hours), 0.55. Production of geothermal and nuclear electric power is included at the same ratio as hydroelectricity.

<sup>3</sup> Including data for Luxembourg.

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Table 75

Production of Crude Oil<sup>1</sup>

Thousand Metric Tons

	1960	1965	1970	1972
OECD <sup>2</sup> .....	389,000	445,000	562,000	580,000
United States.....	347,975	384,946	475,344	467,456
Canada.....	25,630	39,457	62,256	77,100
European Community.....	11,600	15,600	13,200	11,400
Other countries				
Abu Dhabi.....	N.A.	13,701	33,720	49,100
Algeria.....	8,632	26,025	47,280	50,000
Indonesia.....	20,596	23,920	42,084	50,400
Iran.....	52,392	94,126	191,736	245,000
Iraq.....	47,467	64,474	76,452	67,800
Kuwait.....	81,867	109,045	137,400	151,146
Libya.....	N.A.	58,378	161,712	106,267
Nigeria.....	850	13,538	54,098	88,900
Saudi Arabia.....	62,068	101,033	176,844	285,915
Venezuela.....	149,372	182,409	193,872	169,003
Communist Countries				
USSR and Eastern Europe.....	160,000	257,000	365,000*	411,000*
USSR.....	147,200	241,700	348,800	393,800
Eastern Europe.....	13,200	15,200	16,400*	17,000*
Bulgaria.....	200	229	334	248
Czechoslovakia.....	137	192	203	200
East Germany.....	Negl.	60	100*	100*
Hungary.....	1,217	1,803	1,937	1,977
Poland.....	194	339	424	347
Romania.....	11,500	12,571	13,377	14,128
Far East				
China <sup>23</sup> .....	4,600	8,000	20,000	30,000
Other				
Albania.....	728	820	1,480*	1,900*
Cuba.....	25	57	160	95
Yugoslavia.....	944	2,063	2,854	3,200

<sup>\*</sup>In asterisk indicates that the data are CONFIDENTIAL.<sup>1</sup> Unless otherwise indicated, data are for crude oil and exclude shale oil, natural gasoline, and synthetic crude oil.<sup>2</sup> Including shale oil.<sup>3</sup> Including small quantities of synthetic crude oil.

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CONF. JUL. 73 02 of 02

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Table 76  
Proved Reserves of Crude Oil, Year-End 1972

	Billion Barrels	Percent
Total.....	619	100
Non-Communist Countries.....	576	93
North America.....	57	9
United States.....	44	7
Canada.....	10	2
Mexico.....	3	Negl.
South America.....	30	5
Venezuela.....	14	2
Ecuador.....	6	1
Other.....	10	2
Middle East.....	361	58
Saudi Arabia.....	146	24
Kuwait.....	73	12
Iran.....	65	11
Iraq.....	29	5
Abu Dhabi.....	21	3
Other.....	27	4
Africa.....	101	18
Algeria.....	47	8
Libya.....	30	5
Nigeria.....	15	2
Congo.....	5	1
Other.....	4	1
East Asia.....	15	2
Indonesia.....	10	2
Other.....	5	1
Western Europe.....	12	2
United Kingdom.....	5	1
Norway.....	2	Negl.
Other.....	5	1
Communist Countries.....	43	7
USSR.....	36	6
China.....	6	1
Eastern Europe.....	1	Negl.

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Table 77

Production of Petroleum Products<sup>1</sup>

Million Metric Tons

	1960	1965	1970	1972
<b>OECD</b>				
United States.....	356.8	420.3	505.4	544.2
Canada.....	35.4	44.0	60.9	67.0 <sup>2</sup>
Japan.....	25.2	67.4	161.6	190.7 <sup>2</sup>
Spain.....	6.1	13.4	32.3	35.7
Sweden.....	2.8	3.8	11.4	10.7
European Community.....	152	293	495	531
Belgium.....	6.6	14.8	27.3	33.6
France.....	29.8 <sup>3</sup>	56.8	95.0	107.0
Italy.....	29.0	65.2	108.8	114.6
Netherlands.....	18.5	29.1	58.6	64.2
United Kingdom.....	40.9	60.9	94.7	98.4
West Germany.....	26.2	60.9	98.4	101.3
<b>Communist Countries<sup>4</sup></b>				
USSR and Eastern Europe.....	134*	207*	305*	348*
USSR.....	113.9*	173.6*	252.2*	285.0*
Eastern Europe.....	19.9*	33.0*	53.2*	63.5*
Bulgaria.....	0.1*	2.2	5.8	7.8
Czechoslovakia.....	2.6*	5.8*	9.2*	11.0*
East Germany.....	3.1*	6.1	11.4	12.7*
Hungary.....	2.5	3.9	5.8	7.3
Poland.....	0.8	3.4	6.8	9.1
Romania.....	10.8	11.6	14.2	15.6
<b>Far East</b>				
China.....	4.7*	7.2*	18.0*	25.0*
<b>Other</b>				
Albania.....	0.3*	0.5*	0.9*	1.2*
Cuba.....	3.1	3.7	4.3	4.3
Yugoslavia.....	1.3	2.9	6.5	8.4

<sup>\*</sup>An asterisk indicates that the data are CONFIDENTIAL.<sup>1</sup> Unless otherwise indicated, data are for the following products, where they are produced: gasoline, kerosine, distillate fuel oil, lubricating oil, residual and other petroleum products, natural gasoline, and liquefied petroleum gases. Data exclude some minor miscellaneous products such as white spirits and asphalt.<sup>2</sup> Data are for 1971.<sup>3</sup> Including data for Algeria.<sup>4</sup> Data include products from indigenous and imported natural crude oil and from synthetic sources. Synthetic production is not included in production for the USSR.

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Table 78

Production of Natural Gas<sup>1</sup>

Million Cubic Meters

	1960	1965	1970	1972
OECD <sup>2</sup> .....	386,000	516,000	773,000	869,000
United States <sup>3</sup> .....	359,673	454,198	620,724	648,195
Australia.....	....	4	720	3,189
Canada.....	14,521	40,925	71,792	91,011
European Community.....	10,100	17,500	76,000	122,000
France.....	2,846	5,048	6,876	7,432
Italy.....	6,447	7,802	13,176	14,142
Netherlands.....	530	1,743	31,620	58,395
United Kingdom.....	1	13	11,256	24,995
West Germany.....	448	2,798	13,008	17,200
Other Countries				
Argentina.....	1,383	4,222	6,012	6,180
Iran.....	950	1,230	11,220	18,200
Kuwait.....	941	1,794	4,044	N.A.
Mexico <sup>4</sup> .....	9,665	13,965	18,840	18,200
Venezuela.....	4,606	6,538	8,976	9,200
Communist Countries <sup>5</sup>				
USSR and Eastern Europe.....	57,800	149,000	234,000*	264,000*
USSR.....	45,303	127,666	197,945	221,000
Eastern Europe.....	12,500	20,900	36,300*	43,400*
Bulgaria.....	....	73	474	220
Czechoslovakia <sup>6</sup> .....	1,294	752	900*	800*
East Germany.....	26	133	1,233	5,000
Hungary.....	342	1,108	3,469	4,086
Poland.....	549	1,378	5,182	5,823
Romania.....	10,330	17,452	25,031	27,491
Other				
Yugoslavia.....	53	330	977	1,242

<sup>\*</sup>An asterisk indicates that the data are CONFIDENTIAL.<sup>1</sup> Data include only gas from natural gas wells and associated gas from petroleum fields.<sup>2</sup> Data are for net production—that is, for gas actually collected and utilized as fuel or raw material. They thus exclude gas used for repressuring, as well as gas flared, vented, or otherwise wasted, whether or not it has first been processed for the extraction of natural gasoline.<sup>3</sup> Data for the United States are in terms of net marketed production. Data for the USSR are believed to refer to gross production less losses and waste. US gross production (less losses and waste), which would include gas returned to reservoirs in order to maintain horizon pressure would be as follows (in billion cubic meters):

1960 1965 1970

411 500 674

A much smaller share of total production in the USSR is believed to be used for repressuring.

<sup>4</sup> Including gas used for repressuring and gas wasted.<sup>5</sup> Gross production.<sup>6</sup> Production from gasfields only.

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Table 79

Production of Hard Coal<sup>1</sup>

	1960	1965	1970	1972	Million Metric Tons
OECD.....	923	991	973	917	
United States.....	391.5	475.3	550.4	529.3	
Australia.....	21.9	30.1	45.6	55.1	
Canada.....	8.0	8.6	11.6	19.5	
Japan.....	51.1	49.5	39.7	28.0	
Spain.....	13.8	12.9	10.8	11.0	
European Community.....	432	409	310	268	
Belgium.....	22.5	19.8	11.4	10.5	
France.....	56.0	51.4	37.4	30.5	
Netherlands <sup>2</sup> .....	12.5	11.4	4.3	2.8	
United Kingdom <sup>3</sup> .....	196.7	190.5	144.6	121.8	
West Germany <sup>2</sup> .....	143.3	135.5	111.4	102.5	
Other Countries					
India.....	52.6	67.2	73.7	74.7	
South Africa.....	38.2	48.5	54.6	58.4	
South Korea.....	5.4	10.2	12.4	12.3	
Communist Countries					
USSR and Eastern Europe.....	496	556	613	641	
USSR.....	355.9	397.6	432.7	451.0	
Eastern Europe.....	140	158	180	190	
Bulgaria.....	0.6	0.6	0.4	0.4	
Czechoslovakia.....	26.2	27.6	28.1	27.9	
East Germany.....	2.7	2.2	1.0	0.8	
Hungary.....	2.8	4.4	4.2	3.7	
Poland.....	104.4	118.8	140.1	150.7	
Romania.....	3.4	4.7	6.4	6.6	
Far East					
China <sup>4</sup> .....	280.0	220.0	300.0	340.0	
North Korea.....	6.8	12.8	21.8	23.9	
North Vietnam.....	2.6	4.0*	2.9*	2.0	
Other					
Yugoslavia.....	1.3	1.2	0.6	0.6	

<sup>\*</sup>An asterisk indicates that the data are CONFIDENTIAL.<sup>1</sup> Unless otherwise indicated, data are for net production of anthracite and bituminous coal.<sup>2</sup> Including low-quality coal at its hard-coal equivalent.<sup>3</sup> Excluding data for Northern Ireland.<sup>4</sup> Including a negligible amount of brown coal.

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Table 80

Production of Brown Coal and Lignite

Million Metric Tons

	1960	1965	1970	1972
OECD.....	135	150	166	171
United States.....	2.5	2.8	5.4	5.9
Australia.....	15.2	21.0	24.3	24.0
Austria.....	6.0	5.4	3.7	3.8
Canada.....	2.0	1.9	3.5	3.0
Greece.....	2.5	5.1	7.7	11.3
Spain.....	1.8	2.8	2.8	3.1
Turkey.....	1.9	3.1	4.5	5.5
European Community.....	102	108	112	114
Denmark.....	2.7	2.1	0.1	0.1
France.....	2.3	2.7	2.8	3.0
West Germany.....	96.2	101.9	107.8	110.4
Other Countries				
India .....	Negl.	2.3	3.5	3.1
New Zealand.....	2.2	2.0	1.9	1.7
Communist Countries				
USSR and Eastern Europe.....	469	550	586	590
USSR <sup>1</sup> .....	134.2	147.4	144.7	153.0
Eastern Europe.....	335	403	441	437
Bulgaria.....	15.4	24.5	28.9	26.9
Czechoslovakia.....	57.9	72.3	81.3	85.0
East Germany.....	225.5	250.8	260.6	248.4
Hungary.....	23.7	27.1	23.7	22.2
Poland.....	9.3	22.6	32.8	38.2
Romania.....	3.4	5.6	14.1	16.6
Far East <sup>2</sup>				
North Korea <sup>3</sup> .....	3.5	5.0	5.7	6.1
Other				
Albania.....	0.3	0.3	0.6	0.8
Yugoslavia.....	21.4	28.8	27.8	30.3

<sup>1</sup> Net output.

<sup>2</sup> Negligible production for China.

<sup>3</sup> Including unknown amounts of hard coal.

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Table 81

Production of Electric Power<sup>1</sup>

Billion Kilowatt-Hours

	1960	1965	1970	1972
OECD <sup>2</sup> .....	1,710	2,420	3,490	3,970
United States.....	893.72	1,229.64	1,742.73	1,968.09
Of which: hydro.....	149.12	196.99	250.70	276.12
Australia.....	24.49	35.64	53.83	60.05
Canada.....	115.10	146.31	208.26	244.31
Japan.....	111.49	188.38	350.59	416.00
Norway.....	31.14	49.06	57.63	67.55
Spain.....	18.61	31.72	56.49	68.14
Sweden.....	34.72	49.11	60.64	70.67
European Community.....	426	614	850	958
Belgium.....	15.15	21.71	30.52	36.91
France.....	75.01	105.52	146.65	167.49
Italy.....	56.24	82.97	117.42	137.00
Netherlands.....	16.52	25.01	40.86	49.55
United Kingdom.....	136.97	195.99	248.61	268.67
West Germany.....	116.42	168.76	237.21	268.60
Communist Countries				
USSR and Eastern Europe.....	406	677	987	1,140
USSR.....	202.27	506.67	740.93	858.00
Of which: hydro.....	50.91	81.43	121.38	123.00
Eastern Europe.....	114	170	246	283
Bulgaria.....	4.66	10.24	19.51	22.22
Czechoslovakia.....	24.45	34.19	45.16	51.38
East Germany.....	40.30	53.61	67.65	72.80
Hungary.....	7.62	11.18	14.54	16.32
Poland.....	29.26	43.77	64.52	76.40
Romania.....	7.65	17.22	35.09	43.39
Far East				
China.....	47	42	72	95
North Korea.....	9.14	13.4	16.5	18.0*
North Vietnam.....	0.26	0.57*	0.51*	0.35
Other				
Albania.....	0.19	0.34	1.00	1.32
Cuba.....	2.98	3.56	5.00	5.38
Yugoslavia.....	8.93	15.52	26.02	32.80

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Data are for total (gross) production at generating centers and therefore include transmission losses and station use. (See footnote 2.)<sup>2</sup> Data are gross production or estimates of gross production based on reported net, adjusted by increasing by 7.5% the thermal electric production to include production that is consumed by the station itself. Hydroelectric production that is consumed by the station itself is a negligible part of the total gross production. Therefore, no attempt has been made to adjust the net production for hydroelectric power.

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Table 82

Installed Electric Power Generating Capacity<sup>1</sup>

				Thousand Kilowatts	
		1960	1965	1970	1972
OECD					
United States	.....	186,534	254,519	360,355	418,457 <sup>2</sup>
Canada	.....	23,035	29,348	42,826	49,400 <sup>2</sup>
Japan <sup>3</sup>	.....	23,657	41,005	68,262	86,700 <sup>2</sup>
Norway	.....	6,607	9,915	12,910	13,600 <sup>4</sup>
Spain	.....	6,567	10,173	17,900	19,100 <sup>2,4</sup>
Sweden	.....	8,957	12,042	15,307	17,000 <sup>2,4</sup>
European Community					
France	.....	21,851	28,209	38,809	41,200 <sup>2,4</sup>
Italy	.....	17,686	25,398	33,252	35,800 <sup>2,4</sup>
Netherlands	.....	5,262	7,358	10,560	11,300 <sup>2,4</sup>
United Kingdom	.....	36,702	49,399	66,975	75,800 <sup>2</sup>
West Germany	.....	27,097	40,603	50,833	53,700 <sup>2,4</sup>
Other Countries					
India <sup>3</sup>	.....	5,650	10,173	16,429	18,600 <sup>2</sup>
Communist Countries					
USSR and Eastern Europe					
USSR	.....	66,721	115,033	166,150	186,000 <sup>2</sup>
Eastern Europe					
Bulgaria	.....	925	2,155	4,117	4,530
Czechoslovakia	.....	5,662	8,206	10,808	11,726
East Germany	.....	7,904	10,350	12,669	14,397 <sup>2</sup>
Hungary	.....	1,479	1,998	2,733	3,135
Poland	.....	6,316	9,672	13,891	16,014
Romania	.....	1,779	3,258	7,346	9,100
Far East					
China	.....	10,900	13,700	18,500	21,500
North Korea	.....	1,500	2,120	2,800	3,100
North Vietnam <sup>5</sup>	.....	110*	175*	187*	260*
Other					
Cuba	.....	935	965	1,325	1,450
Yugoslavia	.....	2,402	3,728	6,873	8,300

<sup>\*</sup>An asterisk indicates that the data are CONFIDENTIAL.<sup>1</sup> All plants for both public and industrial use. Unless otherwise indicated, data are as of the end of the year.<sup>2</sup> Nuclear generating capacity installed as of 1972 was as follows (in 1,000 kilowatts): United States, 14,683; Canada, 2,090; France, 2,800; Italy, 621; Netherlands, 57; United Kingdom, 6,172; West Germany, 1,600; India, 620; Japan, 1,823; Spain, 1,120; Sweden, 472; USSR, 2,810; and East Germany, 70.<sup>3</sup> Data are for the year beginning 1 April of the stated year.<sup>4</sup> Total installed capacity data are for 1971.<sup>5</sup> Percentage out of operation as a result of bomb damage is as follows: 1965, 27%; 1970, 30%; and 1972, 75%.

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Table 83

Production of Metallurgical Coke<sup>1</sup>

Thousand Metric Tons

	1960	1965	1970	1972
<b>OECD<sup>2</sup></b>				
United States.....	51,917	60,649	60,350	54,891
Canada <sup>3</sup> .....	3,514	3,963	5,143	4,724
European Community.....	93,200	91,400	86,800	75,400
Belgium.....	7,540	7,334	7,116	7,239
France <sup>3</sup> .....	13,635	13,409	14,148	11,420
Italy.....	3,715	5,737	7,044	6,320
Netherlands <sup>3</sup> .....	4,517	4,285	1,992	1,940
United Kingdom.....	19,136	17,381	16,590	13,477
West Germany <sup>4</sup> .....	44,681	43,294	39,936	34,442
<b>Communist Countries</b>				
USSR and Eastern Europe.....	73,100	86,900	96,600	103,000
USSR.....	56,233	67,500	75,400	79,900
Eastern Europe.....	16,900	19,400	21,200	22,900
Bulgaria.....	20 <sup>5</sup>	733	837	1,190
Czechoslovakia.....	6,842	7,875	8,273	8,700
East Germany.....	1,008	1,051	1,308	1,800
Hungary <sup>6</sup> .....	499	642	657	575
Poland.....	7,684	7,994	9,100	9,550
Romania.....	820	1,135	1,070	1,100
<b>Far East</b>				
China.....	10,600*	9,400*	14,600*	20,000*
North Vietnam.....	N.A.	100*	60*	100
<b>Other</b>				
Yugoslavia.....	1,083	1,267	1,309	1,299

<sup>\*</sup>An asterisk indicates that the data are CONFIDENTIAL.<sup>1</sup> Unless otherwise indicated, data are for oven and beehive coke and exclude breeze coke.<sup>2</sup> Net production, excluding coke consumed by coking plants.<sup>3</sup> Including breeze coke.<sup>4</sup> Including electrode coke but excluding low-temperature coke.<sup>5</sup> Data include foundry coke, not suitable for blast furnaces.<sup>6</sup> A large part of this coke is produced in gas plants and is used with high-quality coke in charging blast furnaces.

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MINERALS AND METALS

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Table 84

Production of Crude Steel<sup>1</sup>

		1960	1965	1970	1972	Million Metric Tons
OECD.....		229	303	390	398	
United States <sup>2</sup> .....		90.07	118.98	119.14	120.75	
Australia.....		3.75	5.46	6.82	6.53	
Canada.....		5.27	9.13	11.20	11.81	
Japan.....		22.14	41.16	93.32	96.90	
Spain.....		1.92	3.52	7.43	9.53	
Sweden.....		3.22	4.73	5.50	5.23	
European Community.....		97.9	114	138	138	
Belgium.....		7.18	9.16	12.61	14.39	
France.....		17.28	19.60	23.77	23.99	
Italy.....		8.23	12.68	17.28	19.69	
United Kingdom.....		24.70	27.44	28.32	25.32	
West Germany.....		34.10	36.82 <sup>3</sup>	45.04 <sup>3</sup>	43.70 <sup>3</sup>	
Other Countries						
India.....		3.29	6.41 <sup>4</sup>	6.23 <sup>4</sup>	6.55 <sup>4</sup>	
Communist Countries						
USSR and Eastern Europe.....		86.5	120	156	171	
USSR.....		65.20	91.02	115.89	126.00	
Eastern Europe.....		21.2	28.7	40.1	44.7	
Bulgaria <sup>5</sup> .....		0.30	0.65	1.86	2.18	
Czechoslovakia.....		6.77	8.60	11.48	12.73	
East Germany.....		3.75	4.37	5.37	5.67	
Hungary.....		1.89	2.52	3.11	3.27	
Poland.....		0.68	9.09	11.80	13.48	
Romania.....		1.81	3.43	6.52	7.40	
Far East						
China.....		13.0	11.0	18.0	23.0	
North Korea.....		0.64	1.23	2.20	2.90	
Other						
Cuba.....		N.A.	0.04	0.14	0.15	
Yugoslavia.....		1.44	1.77	2.23	2.59	

<sup>1</sup> Data are for ingots and steel for castings.<sup>2</sup> Excluding steel for castings made in foundries operated by companies not producing ingots.<sup>3</sup> Including data for West Berlin.<sup>4</sup> Ingots only.<sup>5</sup> Including an estimate for steel for castings for all years.

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Table 85

Production of Rolled Steel<sup>1</sup>

	Million Metric Tons			
	1960	1965	1970	1972
OECD.....	177	235	298	305
United States.....	69.35	90.09	82.37	83.28
Canada.....	4.13	6.72	8.24 <sup>2</sup>	8.96 <sup>2</sup>
Japan.....	17.20	33.42	76.03	82.10
European Community.....	76.7	89.6	111	109
Belgium <sup>3</sup> .....	5.88	7.72	10.26	11.44
France.....	13.70	15.72	18.73	18.80
Italy.....	7.78	10.62	14.76	16.28
United Kingdom.....	18.41	20.76	22.18	18.77
West Germany.....	25.84	28.48	35.97	34.40
Communist Countries				
USSR and Eastern Europe.....	65.1	90.6	120	130
USSR.....	50.96	70.91	92.50	99.50
Eastern Europe.....	14.1	19.7	27.6	31.0
Bulgaria.....	0.19	0.43	1.42	2.02
Czechoslovakia.....	4.48	6.09	7.93	8.71
East Germany.....	2.61	2.99	3.41	3.60
Hungary.....	1.19	1.70	2.04	2.22
Poland.....	4.42	6.13	8.14	9.22
Romania.....	1.25	2.35	4.70	5.20
Other				
Yugoslavia.....	0.97	1.19	1.77	1.93

<sup>1</sup> Unless otherwise indicated, data are for hot-rolled steel.

<sup>2</sup> Shipments.

<sup>3</sup> Including steel forgings and rolled wrought-iron products.

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Table 86

Production of Pig Iron and Blast-Furnace Ferroalloys<sup>1</sup>

Thousand Metric Tons

	1960	1965	1970	1972
<b>OECD</b>				
United States.....	61,072	80,584	83,324	81,093
Australia <sup>2</sup> .....	2,939	4,313	6,144	6,155
Canada.....	4,025	6,587	8,424	8,706
Japan <sup>2</sup> .....	11,896	27,502	68,048	74,055
Spain <sup>2</sup> .....	1,888	2,328	4,164	5,935
European Community.....	70,300	81,000	98,200	96,300
Belgium.....	6,553	8,366	10,344	11,770
France.....	14,144	15,769	19,221	18,640
Italy.....	2,715	5,501	8,354	9,425
United Kingdom.....	16,016	17,740	17,672	15,332
West Germany.....	25,729	26,989 <sup>3</sup>	33,627 <sup>4</sup>	31,966 <sup>4</sup>
<b>Other Countries<sup>2</sup></b>				
Brazil.....	1,783	2,341	4,200	5,304
India.....	4,275	7,124	7,224	N.A.
South Africa.....	2,000	3,603	4,296	4,896
<b>Communist Countries</b>				
USSR and Eastern Europe.....	60,200	84,100	110,000	119,000
USSR.....	46,757	66,184	85,933	92,300
Eastern Europe.....	13,400	17,900	23,800	26,300
Bulgaria.....	192	695	1,251	1,562
Czechoslovakia.....	4,696	5,868	7,548	8,300
East Germany.....	1,995	2,338	1,994	2,150
Hungary.....	1,244	1,577	1,822	2,044
Poland.....	4,253	5,375	6,984	7,480
Romania.....	1,014	2,019	4,210	4,740
<b>Far East</b>				
China.....	14,100*	12,500*	19,500*	27,000*
North Korea <sup>5</sup> .....	870	1,320*	2,000*	2,600*
North Vietnam.....	10	200	50	40
<b>Other</b>				
Yugoslavia.....	972	1,115	1,275	1,820

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Unless otherwise indicated, data are for pig iron and blast-furnace ferroalloys and exclude ferroalloys obtained from electric furnaces and sponge iron.<sup>2</sup> Data may include some electric-furnace ferroalloys.<sup>3</sup> Including small quantities of foreign-produced pig iron returned to furnaces.<sup>4</sup> Including data for West Berlin.<sup>5</sup> Including sponge iron.

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Table 87

Production of Iron Ore<sup>1</sup>

Million Metric Tons

	1960	1965	1970	1972
<b>OECD<sup>2</sup></b>				
United States <sup>3</sup> .....	89.04	89.18	91.28	77.13
Australia.....	4.50	6.80	45.22 <sup>4</sup>	60.77 <sup>4</sup>
Canada <sup>5</sup> .....	19.55	36.25	47.46	39.29
Sweden.....	21.69	29.35	31.51	33.10
European Community.....	107	90.4	80.9	72.3
France.....	66.91	59.52	56.80	54.25
Luxembourg.....	6.98	6.32	5.72	4.12
United Kingdom.....	17.36	15.66	12.02	8.36
West Germany.....	14.18	7.95 <sup>6</sup>	5.53 <sup>6</sup>	4.82 <sup>6</sup>
Other Countries <sup>7</sup>				
Brazil.....	9.35	20.75	30.00	N.A.
India.....	16.61	23.74	31.33	34.38
Liberia.....	3.20	16.15	23.68	N.A.
Venezuela.....	19.49	17.65	22.00	16.93
Communist Countries <sup>8</sup>				
USSR and Eastern Europe.....	115	165	206	219
USSR.....	105.86	153.43	195.49	208.00
Eastern Europe.....	9.34	12.0	10.8	11.1
Bulgaria.....	0.42	1.80	2.41	3.20
Czechoslovakia.....	3.12	2.44	1.61	1.60
East Germany.....	1.64	1.63	0.42	0.27
Hungary.....	0.52	0.76	0.63	0.70
Poland.....	2.18	2.86	2.55	1.80
Romania.....	1.46	2.48	3.21	3.50
Far East				
China.....	28.20*	25.00*	39.00*	54.60*
North Korea.....	3.11	4.96 <sup>9</sup>	6.0*-7.0*	7.9*-9.0*
North Vietnam.....	0.02	0.40	0.10	0.08
Other				
Albania <sup>10</sup> .....	0.26	0.39	0.40	0.50
Yugoslav <sup>11</sup> .....	2.20	2.50	3.69	3.96

<sup>\*</sup>An asterisk indicates that the data are CONFIDENTIAL.<sup>1</sup> Unless otherwise indicated, data are for the gross amount of marketable iron ores in the state in which they leave the mines, including manganeseiferous ores but excluding pyrites.<sup>2</sup> The metal content of the ore in the OECD countries is as follows: United Kingdom and West Germany, 28%; Luxembourg, 30%; France, 32%; United States and Canada, 55%-60%; and Australia and Sweden, 60%-65%.<sup>3</sup> Excluding manganeseiferous iron ore containing 5% or more of manganese.<sup>4</sup> Twelve months ending 30 June of the stated year.<sup>5</sup> Shipments.<sup>6</sup> Including data for West Berlin.<sup>7</sup> The metal content of the ore in the Other Countries ranges from 60% to 70%.<sup>8</sup> The metal content of the ore in selected Communist countries is as follows: the USSR, in terms of dressed ore, 55% of the ore; China, 20%-50%; North Korea, 40%-50%; Albania, 50%-55% (1% nickel); Bulgaria, 38%-50%; Czechoslovakia, 34%; East Germany, 25%-30%; Hungary, 24%-28%; Poland, 30%; Romania, 32%-40%; Yugoslavia, 40%; and North Vietnam, 55%.<sup>9</sup> Based on an announced increase for 1965 of 24% applied to 1964 plan data.<sup>10</sup> Iron-nickel ore that is mined for its nickel content.

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Table 88

Production of Manganese Ore<sup>1</sup>

Thousands Metric Tons

	1960	1965	1970	1972
OECD				
United States <sup>2</sup> .....	73	27	4	....
Australia.....	62	102	751	1,076 <sup>3</sup>
Japan.....	324	303	270	285 <sup>3</sup>
Other Countries				
Brazil.....	999	1,396	1,879	2,608
Gabon.....	N.A.	1,280	1,453	1,050
Ghana <sup>4</sup> .....	545 <sup>5</sup>	604	405	599 <sup>3</sup>
India.....	1,190	1,647	1,651	1,724
South Africa.....	1,194	1,567	2,679	3,236
Zaire.....	382	378	347	377 <sup>3</sup>
Communist Countries				
USSR and Eastern Europe.....	6,350	8,040	7,230	7,740
USSR.....	5,872	7,576	6,841	7,500
Eastern Europe.....	477	461	388	245
Bulgaria.....	25	42	33	30
Czechoslovakia.....	154	80	86	50
Hungary.....	123	213	167	140
Romania.....	175	126	102	25
Far East				
China.....	708*	312*	485*	675*
Other				
Cuba.....	123	86 <sup>1</sup>	N.A.	N.A.
Yugoslavia.....	13	8	15	15

<sup>1</sup>An asterisk indicates that the data are CONFIDENTIAL.<sup>1</sup>The metal content of the ore of various countries is as follows: the United States, more than 35%; other non-Communist countries and Cuba, 30% to 53%; the USSR, about 45%; China and Yugoslavia, about 35%; Romania, 30%; Czechoslovakia, less than 20%; Bulgaria, about 27%; and Hungary, 26%.<sup>2</sup>Shipments.<sup>3</sup>Data are for 1971.<sup>4</sup>Dry weight.<sup>5</sup>Exports.

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Table 89

	Production of Refined Nickel <sup>1</sup>				Metric Tons
	1960	1965	1970	1972	
<b>OECD</b>					
United States <sup>2</sup> .....	12,975	12,256	14,114	14,061	
Canada <sup>3</sup> .....	114,735	147,000	184,500	137,400	
Greece.....	N.A.	N.A.	8,642	11,400	
Japan.....	17,288	27,900	80,232	90,400	
Norway.....	30,428	31,835	38,478	43,000	
<b>European Community</b>					
France <sup>4</sup> .....	10,016	8,150	10,952	12,500	
United Kingdom.....	34,300	40,487	36,700	19,000	
<b>Other Countries</b>					
New Caledonia.....	11,408	15,552	33,765	47,200	
<b>Communist Countries</b>					
USSR and Eastern Europe.....	72,200*	101,000*	139,000*	158,000*	
USSR.....	72,000*	100,000*	137,000*	156,000*	
Eastern Europe.....	250*	1,250*	1,950*	2,050*	
Czechoslovakia.....	....	1,000*	1,700*	1,800*	
East Germany.....	250*	250*	250*	250*	
<b>Other</b>					
Cuba <sup>5</sup> .....	12,800	28,230	36,000	36,000	

<sup>\*</sup>An asterisk indicates that the data are CONFIDENTIAL.<sup>1</sup> Unless otherwise indicated, data are for refined metal.<sup>2</sup> Nickel recovered from refined domestic ore and nickel recovered as a byproduct of electrolytic refining of copper. Secondary nickel produced from nonferrous scrap is excluded.<sup>3</sup> Including nickel content of oxides and salts produced, plus exports of recoverable nickel in matte and concentrates.<sup>4</sup> Excluding data for New Caledonia.<sup>5</sup> Nickel content of oxides and sulfides.

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Table 90

	Production of Chromite <sup>1</sup>			
	Thousand Metric Tons			
	1960	1965	1970	1972
<b>OECD</b>				
United States <sup>2</sup> .....	37.4 <sup>3</sup>	Negl.	....	....
Greece.....	20.6	21.5	10.2	8.3 <sup>4</sup>
Turkey.....	226.7	242.2	294.0	335.1
<b>Other Countries</b>				
India.....	50.2	30.4	135.8	137.8
Philippines.....	249.0	192.0	199.0	127.6
Rhodesia.....	201.1	281.1	275.0	325.0
South Africa.....	339.7	421.1	612.5	694.4
<b>Communist Countries<sup>5</sup></b>				
USSR.....	520	1,160	1,380	1,120
North Vietnam.....	19.1	12.0*	2.0*	Negl.
Albania.....	130.0	140.0	211.0	234.0
Cuba.....	10.0 <sup>6</sup>	11.1	N.A.	N.A.
Yugoslavia.....	25.1	20.8	40.6	28.1

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Estimated chromic oxide (Cr<sub>2</sub>O<sub>3</sub>) content of ores mined. In many instances, data are only approximate.<sup>2</sup> Shipments.<sup>3</sup> Production for the Federal Government only.<sup>4</sup> Data are for 1971.<sup>5</sup> The following percentages were used to reduce the estimates of ores mined in the Communist countries to show the chromic oxide content: USSR, a part at 50% and the remainder at 40%; North Vietnam at 50%; Albania at 45%; Cuba at 35%; and Yugoslavia at about 26%.<sup>6</sup> US imports.

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Table 91

	Production of Molybdenum <sup>1</sup>				Metric Tons
	1960	1965	1970	1972	
OECD.....	31,900	39,900	66,400	60,500	
United States.....	30,052	35,095	50,508	48,308	
Canada <sup>2</sup> .....	348	4,335	15,310	11,567	
Japan.....	381	277	265	236 <sup>3</sup>	
Norway.....	246	230	333	360 <sup>3</sup>	
Other Countries					
Chile.....	1,852	3,693	5,700	6,577	
Peru.....	Negl.	680	607	680	
Communist Countries					
USSR.....	4,800*	7,300*	9,500*	9,800*	
Far East					
China.....	3,800*	1,000*	1,000*	N.A.	

<sup>\*</sup>An asterisk indicates that the data are CONFIDENTIAL.<sup>1</sup> Molybdenum content of ores and concentrates.<sup>2</sup> Shipments.<sup>3</sup> Data are for 1971.

Table 92

	Production of Cobalt <sup>1</sup>				Metric Tons
	1960	1965	1970	1972	
OECD					
Canada <sup>2</sup> .....	1,818	1,655	2,069	2,359	
Finland.....	N.A.	1,493 <sup>3</sup>	1,270	1,270	
Other Countries					
Morocco.....	1,271	1,832	604	1,089	
Zaire.....	8,222	8,388	13,958	13,608	
Zambia.....	1,847 <sup>4</sup>	1,544 <sup>4</sup>	2,400	2,177	
Communist Countries					
USSR.....	1,640*	3,400*	4,700*	5,000*	
Other					
Cuba.....	....	850	1,575	1,650	

<sup>\*</sup>An asterisk indicates that the data are CONFIDENTIAL.<sup>1</sup> Cobalt content of ores mined, unless otherwise indicated.<sup>2</sup> Including metal, salts, and oxides recovered from smelter products and residues exported.<sup>3</sup> Cobalt content of sulfides.<sup>4</sup> Cobalt content of alloys.

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	Production of Tungsten Ore <sup>1</sup>				Metric Tons
	1960	1965	1970	1972	
OECD.....	14,300	14,600	20,200	21,000	
United States <sup>2</sup> .....	6,045	7,213	9,176	7,531	
Australia.....	1,882	1,902	2,650	3,575	
Canada.....	N.A.	2,826	2,915	3,861	
Portugal.....	2,917	1,644	2,995	3,337	
Other Countries.....					
Bolivia.....	2,150 <sup>3</sup>	1,823 <sup>3</sup>	3,878	3,909	
Brazil.....	1,694	383	2,430	2,038 <sup>4</sup>	
Peru.....	488	797	1,690	1,619 <sup>4</sup>	
South Korea.....	5,734	4,479	4,351	4,385	
Thailand.....	442	555	1,494	5,271 <sup>4</sup>	
Communist Countries.....					
USSR.....	11,400*	14,000*	14,500*	15,500*	
Far East.....					
China.....	28,700	14,600	11,500	13,000	
North Korea.....	3,000*	4,300*	5,000*	5,000*	

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Data are for the estimated tonnage of tungsten concentrates, 60% tungsten trioxide ( $WO_3$ ) basis.

<sup>2</sup> Shipments.

<sup>3</sup> Exports.

<sup>4</sup> Data are for 1971.

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Table 94

## Production of Gold

Million Troy Ounces

	1960	1965	1970	1972
<b>Non-Communist Countries</b>				
United States.....	1.68	1.67	1.81	1.45
Australia.....	1.09	0.88	0.63	0.70
Canada.....	1.63	3.50	2.41	2.03
Colombia.....	0.43	0.32	0.20	0.19
Ghana.....	0.88	0.76	0.70	0.72
India.....	0.16	0.13	0.10	0.11
Japan.....	0.34	0.52	0.71	0.85
Mexico.....	0.30	0.22	0.20	0.15
Nicaragua.....	0.20	0.16	0.11	0.08
Peru.....	0.14	0.11	0.09	N.A.
Philippines.....	0.41	0.44	0.60	0.61
Rhodesia.....	0.56	0.54	0.50	0.50
South Africa.....	21.38	30.54	32.23	29.20
Zaire.....	0.32	0.07	0.18	0.08
<b>Communist Countries</b>				
USSR.....	3.50*	5.00*	6.60*	8.20*
China.....	1.01*	1.12*	0.48*	0.98*
Czechoslovakia.....	0.07*	0.07*	Negl.*	Negl.*
Romania.....	0.37*	0.49*	0.71*	0.75*

\*An asterisk indicates that the data are CONFIDENTIAL.

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Table 95

	Production of Refined Copper <sup>1</sup>			
	Thousand Metric Tons			
	1960	1965	1970	1972
OECD.....	3,310	3,900	4,610	4,640
United States <sup>2</sup> .....	1,642.6	1,956.7	2,034.5	2,010.0
Australia.....	84.2	95.2	145.5	168.9
Canada.....	378.2	393.8	493.3	490.0
Japan.....	248.1	365.7	705.3	810.9
European Community.....	796	994	997	921
Belgium.....	211.8	280.0	337.6	300.0
United Kingdom.....	218.0	227.0	206.2	180.7
West Germany.....	309.1	342.4 <sup>3</sup>	405.8 <sup>3</sup>	398.5 <sup>3</sup>
Other Countries.....				
Chile.....	225.6	288.8	465.1	420.3
Zaire.....	144.7	152.6	189.6	210.2
Zambia.....	402.6	522.3	580.7	610.0
Communist Countries.....				
USSR and Eastern Europe.....	591	913	1,310*	1,520*
USSR.....	490.0	772.0	1,100.0	1,250.0
Eastern Europe.....	101	141	209*	274*
Bulgaria.....	14.0	23.9	38.3	42.0
Czechoslovakia.....	10.1	12.3	16.7	18.0
East Germany.....	40.0	40.0	45.0*	47.0*
Hungary.....	8.2	12.0	12.0	6.0
Poland.....	21.7	37.4	72.2	131.0
Romania.....	7.0	15.0	25.0	30.0
Far East.....				
China.....	90.0*	201*	200*	290*
North Korea.....	8.5	18.0	40.0*	40.0*
Other.....				
Albania <sup>4</sup> .....	0.9	4.2	5.7	6.2
Yugoslavia.....	35.1	56.4	89.3	130.0

<sup>\*</sup>An asterisk indicates that the data are CONFIDENTIAL.<sup>1</sup> Unless otherwise indicated, data are for primary and secondary refined copper produced from domestic and imported ores and scrap.<sup>2</sup> Including production from secondary plants and copper refined by manufacturers for their own use.<sup>3</sup> Including data for West Berlin.<sup>4</sup> Blister copper.

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Table 96

	Production of Primary Aluminum		Thousand Metric Tons	
	1960	1965	1970	1972
OECD.....	3,510	4,870	7,440	8,330
United States.....	1,828	2,499	3,612	3,744
Australia.....	12	88	206	206
Canada.....	691	753	902	908
Japan.....	133	294	733	1,013
Norway <sup>1</sup> .....	171	276	522	542
Spain.....	29	52	120	148
European Community.....	520	735	952	1,290
France.....	238	340	382	392
Italy.....	84	124	146	119
United Kingdom <sup>1</sup> .....	29	36	40	172
West Germany.....	169	234 <sup>2</sup>	310 <sup>2</sup>	445 <sup>2</sup>
Other Countries				
India.....	18	62	161	179
Communist Countries				
USSR and Eastern Europe.....	767	1,180	2,080*	2,260*
USSR.....	630	1,000	1,720*	1,870*
Eastern Europe.....	137	178	360*	387*
Czechoslovakia.....	26	28	31	38
East Germany.....	35	45	56*	57*
Hungary.....	50	58	66	68
Poland.....	26	47	100	102
Romania <sup>3</sup> .....	...	...	107	122
Far East				
China.....	80*	115*	230*	280*
Other				
Yugoslavia.....	25	39	48	73

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Including the pure content of virgin alloys.<sup>2</sup> Including data for West Berlin.<sup>3</sup> Including aluminum alloys.

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Table 97

	Production of Bauxite			
	Thousand Metric Tons			
	1960	1965	1970	1972
OECD.....	5,400	7,050	17,100	21,700
United States.....	2,030	1,081	2,115	1,930
Australia.....	70	1,187	9,387	13,310
European Community.....	2,380	2,910	3,280	3,350
France.....	2,068	2,062	3,051	3,251
Other Countries				
Guinea.....	1,378	1,870	2,642	2,642
Guyana.....	2,511	2,919	4,144	3,556
Jamaica.....	5,837	8,651	12,010	12,193
Surinam.....	3,455	4,300	5,341	6,249
Communist Countries				
USSR and Eastern Europe.....	4,390*	6,350*	7,370*	7,760*
USSR <sup>1</sup> .....	3,110*	4,860*	5,000*	5,000*
Eastern Europe.....	1,280	1,490	2,370	2,760
Hungary.....	1,190	1,477	2,022	2,358
Romania.....	83	12	350	400
Far East				
China <sup>2</sup> .....	640*	920*	1,830*	2,240*
Other				
Yugoslavia.....	1,025	1,574	2,098	2,197

<sup>\*</sup>An asterisk indicates that the data are CONFIDENTIAL.<sup>1</sup> Including nonbauxite ore such as nepheline and alunite for the production of alumina.<sup>2</sup> Data are for aluminous shales and clays used for the manufacture of aluminum and exclude shales exported and those used for refractories, abrasives, and cement.

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Table 98

	Smelter Production of Lead <sup>1</sup>				Thousand Metric Tons
	1960	1965	1970	1972	
<b>OECD</b>					
United States <sup>2</sup> .....	346.9	379.4	604.8	640.2	
Australia.....	102.9	196.8	180.0	179.7	
Canada.....	144.0	169.2	185.6	186.8	
Japan.....	69.4	102.9	195.5	206.6	
European Community.....	364	376	437	420	
Belgium <sup>3</sup> .....	92.7	110.8	89.4	90.2	
France.....	74.4	98.4	119.9	136.2	
Italy.....	41.6	39.4	54.3	50.2	
United Kingdom.....	15.6	23.0	43.8	41.3	
West Germany.....	139.2	104.0 <sup>4</sup>	112.4 <sup>4</sup>	101.6 <sup>4</sup>	
<b>Other Countries</b>					
Mexico.....	186.2	164.3	150.3	136.1 <sup>5</sup>	
<b>Communist Countries</b>					
USSR and Eastern Europe.....	436	608	807	876	
USSR.....	324.0	433.0	597.0	650.0	
Eastern Europe.....	112	175	210	226	
Bulgaria.....	40.4	93.4	98.6	102.0	
Czechoslovakia.....	9.1	14.6	17.6	18.0	
East Germany.....	10.4	12.5	....	....	
Hungary.....	0.5	0.5	0.5	0.5	
Poland <sup>6</sup> .....	39.7	41.4	54.5	65.3	
Romania <sup>6</sup> .....	12.0	12.2	39.0	40.0	
<b>Far East</b>					
North Korea.....	34.0	54.0	61.0	N.A.	
<b>Other</b>					
Yugoslavia.....	89.1	101.6	97.4	87.5	

<sup>1</sup> Unless otherwise indicated, data are for smelter production of lead produced from domestic and imported ores and concentrates, excluding all metal produced from scrap (secondary metals).

<sup>2</sup> Excluding refined lead produced from imported base bullion.

<sup>3</sup> Including secondary metal.

<sup>4</sup> Including data for West Berlin.

<sup>5</sup> Data are for 1971.

<sup>6</sup> Probably including some secondary metal.

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Table 99

	Production of Refined Zinc <sup>1</sup>			
	Thousand Metric Tons			
	1960	1965	1970	1972
OECD.....	2,210	2,840	3,530	3,680
United States <sup>2</sup> .....	787.7	978.0	866.3	694.4
Australia.....	122.2	202.2	257.5	298.0
Canada.....	238.2	325.5	417.9	476.6
Japan.....	180.5	367.8	676.2	804.4
European Community.....	783	842	1,090	1,140
Belgium.....	247.6	238.1	231.9	256.1
France.....	146.4	192.0	223.7	261.5
Italy.....	85.2	80.9	142.1	154.2
United Kingdom.....	75.5	106.8	146.6	73.7
West Germany.....	191.9	182.2	301.2	343.3
Communist Countries				
USSR and Eastern Europe.....	573	790	1,060	1,200
USSR <sup>3</sup> .....	364.0	504.0	730.0	825.0
Eastern Europe.....	209	286	332	371
Bulgaria.....	16.9	65.8	76.1	84.0
East Germany.....	4.0	14.0	12.0	14.0
Poland.....	175.5	190.4	209.0	228.0
Romania.....	12.5	15.4	35.0	45.0
Far East				
North Korea.....	55.0	80.0	88.0	N.A.
Other				
Yugoslavia.....	35.9	46.1	65.0	48.6

<sup>1</sup> Data are for electrolytic and distilled (including redistilled) zinc produced from domestic and imported ores and scrap and other secondary materials.

<sup>2</sup> Including production from secondary smelters. Production of primary zinc in the United States was as follows (in metric tons): 1960, 725,300; 1965, 902,100; 1970, 796,500; and 1972, 636,800.

<sup>3</sup> Primary metal only, representing slightly less than 80% of total production.

Table 100

	Production of Titanium Sponge Metal <sup>1</sup>			
	Metric Tons			
	1960	1965	1970	1972
United States.....	4,818	8,100 <sup>2</sup>	13,000 <sup>2</sup>	9,000 <sup>2</sup>
Japan.....	2,300	4,000	9,200	4,600
USSR.....	3,000*	12,000*	24,000*	28,000*

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Raw titanium in the form of sponge metal produced from rutile or ilmenite concentrates.

<sup>2</sup> Based on reports from various trade publications.

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Table 101

Smelter Production of Primary Tin Metal<sup>1</sup>

	Thousand Metric Tons			
	1960	1965	1970	1972
OECD.....	60.8	51.3	48.9	43.1
United States <sup>2</sup> .....	13.7	3.1	4.5	4.0
Australia.....	2.3	3.2	5.2	7.0
Spain.....	0.5	1.8	3.9	4.0
European Community.....	42.5	40.9	33.4	26.1
Belgium.....	8.4	4.3	4.3	3.9
United Kingdom.....	26.8	16.8	22.0	21.3
Other Countries				
Bolivia.....	1.0 <sup>3</sup>	3.5 <sup>3</sup>	0.3	6.7
Brazil.....	1.3	1.4	3.1	3.8
Indonesia.....	2.0	1.2	5.2	11.6
Malaysia.....	77.6	73.6	91.5	91.0
Nigeria.....	....	9.5	8.1	6.7
Thailand.....	0.2	5.6	22.0	22.6
Communist Countries				
USSR and Eastern Europe.....	11.4*	15.2*	22.5*	24.2*
USSR.....	10.6*	14.0*	21.3*	23.6*
Eastern Europe.....	0.8*	1.2	1.2	1.2
East Germany.....	0.8*	1.2	1.2	1.2
Far East				
China.....	28.0*	11.0*	10.0*	N.A.

<sup>1</sup>An asterisk indicates that the data are CONFIDENTIAL.<sup>1</sup>Excluding tin derived from scrap or detinning.<sup>2</sup>Estimated data based on imports of tin concentrates.<sup>3</sup>Exports.

Table 102

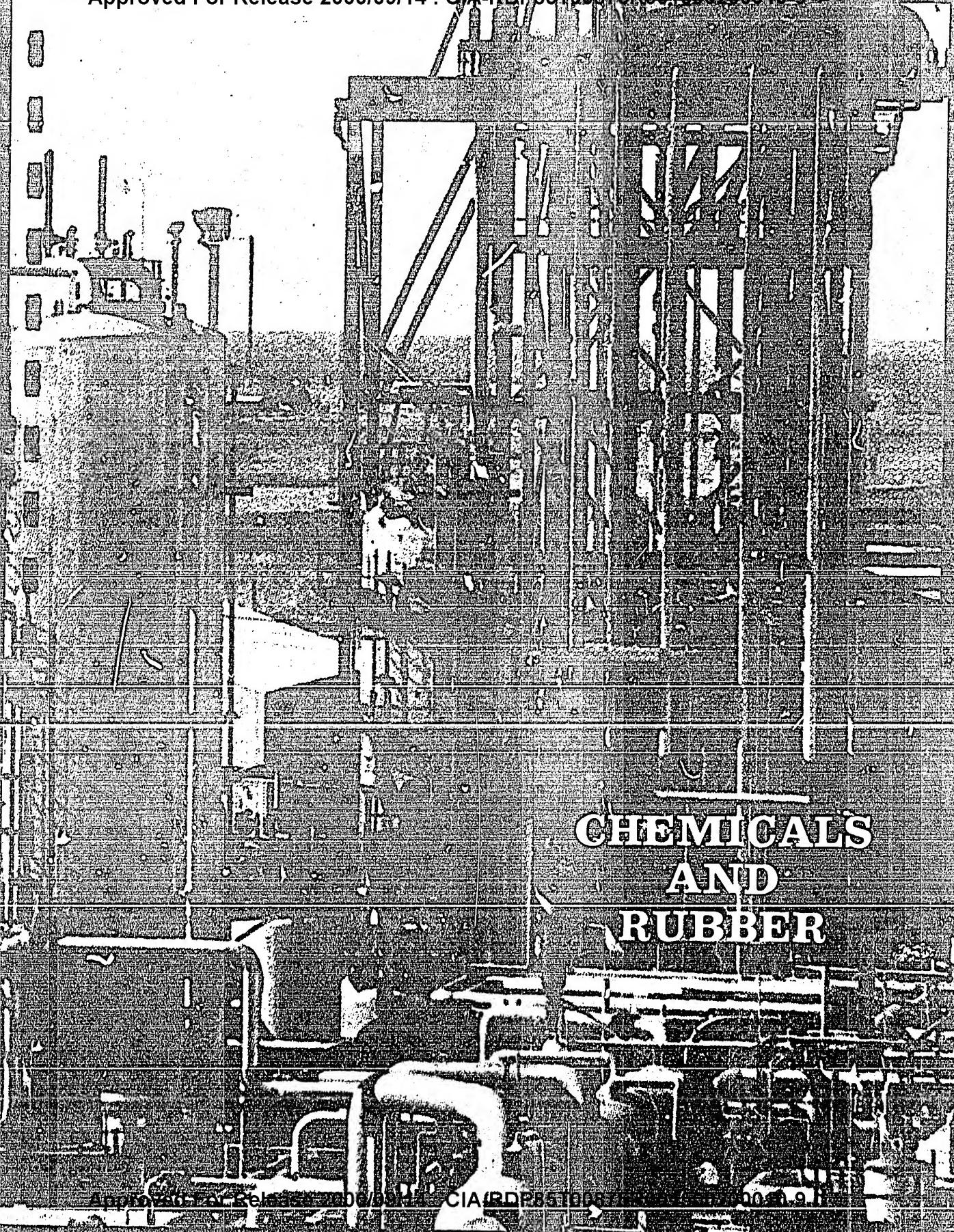
## Production of Primary Magnesium

	Thousand Metric Tons			
	1960	1965	1970	1972
OECD				
United States.....	36.4	73.8	101.6	113.4
Canada.....	6.6	9.2	9.4	6.8
Japan.....	2.1	3.8	10.3	10.0
Norway.....	10.3	26.4	35.3	36.3
European Community				
France.....	2.1	2.8	4.6	6.8
Italy.....	5.4	6.3	7.6	8.2
Communist Countries				
USSR.....	25.0*	66.5*	94.0*	100.0*

<sup>1</sup>An asterisk indicates that the data are CONFIDENTIAL.

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Table 103

Production of Mineral Fertilizer, Nutrient Content<sup>1</sup>

Thousand Metric Tons

	1960	1965	1970	1972
OECD <sup>2</sup> .....	22,100	33,600	43,000	44,900 <sup>3</sup>
United States.....	7,410	11,933	15,789	16,709
Canada.....	496	2,545	4,465	5,324 <sup>3</sup>
Japan.....	1,544	2,203	2,770	2,806 <sup>3</sup>
Spain.....	674	1,043	1,604	1,729 <sup>3</sup>
European Community.....	10,400	13,300	15,300	15,500 <sup>3</sup>
France.....	3,021	4,161	4,644	4,602 <sup>3</sup>
Italy.....	1,110	1,590	1,621	1,710 <sup>3</sup>
West Germany.....	3,897	4,610	4,743	4,640 <sup>3</sup>
Communist Countries <sup>4</sup>				
USSR and Eastern Europe.....	6,510	12,000	20,800	24,200
USSR <sup>5</sup> .....	3,281	7,389	13,099	15,935
Eastern Europe.....	3,230	4,630	7,680	8,280
Bulgaria.....	126	354	749	653
Czechoslovakia.....	287	477	646	678
East Germany.....	2,166	2,506	3,244	3,285
Hungary.....	102	265	517	555
Poland.....	477	738	1,620	1,910
Romania.....	71	293	895	1,200
Far East				
China.....	495*	880*	1,975*	2,919*
North Korea.....	127*	158*	320*	400*
Other				
Yugoslavia.....	50	226	364	407

<sup>\*</sup>An asterisk indicates that the data are CONFIDENTIAL.<sup>1</sup> Nitrogen fertilizer (in terms of nitrogen), phosphorus fertilizer (in terms of phosphoric anhydride), and potassium fertilizer (in terms of potassium oxide).<sup>2</sup> Data are for "fertilizer years"—in general, the year beginning 1 July of the stated year.<sup>3</sup> Data are for 1971.<sup>4</sup> Data are for calendar years.<sup>5</sup> Including some products used for non-fertilizer purposes.

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Table 104  
Production of Nitrogen Fertilizer, Nutrient Content  
Thousand Metric Tons of N

	1960	1965	1970	1972
OECD <sup>1</sup> .....	8,450	13,400	19,300	19,800 <sup>2</sup>
United States.....	2,739	5,081	8,161	8,420
Canada.....	286	377	726	760 <sup>2</sup>
Japan.....	1,030	1,615	2,105	2,121 <sup>2</sup>
Spain.....	110	323	592	673 <sup>2</sup>
European Community.....	3,650	4,980	6,240	6,310 <sup>2</sup>
Belgium.....	278	310	594	613 <sup>2</sup>
France.....	671	1,066	1,351	1,401 <sup>2</sup>
Italy.....	658	905	956	1,034 <sup>2</sup>
Netherlands.....	417	562	930	1,004 <sup>2</sup>
United Kingdom.....	449	666	748	773 <sup>2</sup>
West Germany.....	1,180	1,419	1,505	1,321 <sup>2</sup>
Communist Countries <sup>3</sup>				
USSR and Eastern Europe.....	1,910	4,250	8,770	10,300
USSR.....	1,003	2,712	5,423	6,572
Eastern Europe.....	906	1,540	3,350	3,720
Bulgaria.....	86	260	602	523
Czechoslovakia.....	140	220	324	344
East Germany.....	334	348	395	417
Hungary.....	57	148	350	374
Poland.....	270	394	1,030	1,147
Romania.....	19	166	647	917
Far East				
China.....	335*	600*	1,500*	2,320*
North Korea.....	105*	115*	270*	330*
Other				
Yugoslavia.....	9	90	238	274

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Data are for "fertilizer years"—in general, the year beginning 1 July of the stated year. Including some technical nitrogen and anhydrous ammonia exported for further processing.

<sup>2</sup> Data are for 1971.

<sup>3</sup> Data are for calendar years.

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Table 105

## Production of Phosphorus Fertilizer, Nutrient Content

	Thousand Metric Tons of P <sub>2</sub> O <sub>5</sub>			
	1960	1965	1970	1972
OECD <sup>1</sup> .....	7,740	11,000	13,400	14,100 <sup>2</sup>
United States.....	2,026	4,260	5,369	5,832
Australia.....	569	940	695	702 <sup>2</sup>
Canada.....	210	419	560	660 <sup>2</sup>
Japan.....	515	588	665	885 <sup>2</sup>
Spain.....	299	317	487	554 <sup>2</sup>
European Community.....	3,100	3,940	4,800	4,800 <sup>2</sup>
Belgium.....	289	415	745	736 <sup>2</sup>
France <sup>3 4</sup> .....	770	1,213	1,451	1,500 <sup>2</sup>
Italy.....	398	512	510	504 <sup>2</sup>
West Germany.....	750	857	946	943 <sup>2</sup>
Communist Countries <sup>5</sup> .....				
USSR and Eastern Europe.....	1,850	3,470	5,500	6,010
USSR <sup>3</sup> .....	1,102	2,300	3,585	3,918
Eastern Europe.....	658	1,170	1,910	2,090
Bulgaria.....	41	94	148	130
Czechoslovakia <sup>3</sup> .....	147	258	322	334
East Germany <sup>3</sup> .....	166	232	430	410
Hungary.....	45	117	167	181
Poland.....	207	344	599	763
Romania.....	52	127	244	272
Far East.....				
China.....	150*	280*	465*	579*
North Korea.....	22*	43*	50*	70*
Other.....				
Yugoslavia.....	41	136	126	133

<sup>\*</sup>An asterisk indicates that the data are CONFIDENTIAL.<sup>1</sup> Data are for "fertilizer years"—in general, the year beginning 1 July of the stated year.<sup>2</sup> Data are for 1971.<sup>3</sup> Including production of ground phosphate rock for direct application and phosphate animal feeds.<sup>4</sup> Beginning 1 May of the stated year.<sup>5</sup> Data are for calendar years.

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Table 106

**Production of Potassium Fertilizer, Nutrient Content**  
**Thousand Metric Tons of K<sub>2</sub>O**

	1960	1965	1970	1972
OECD <sup>1</sup> .....	5,920	9,130	10,300	11,000 <sup>2</sup>
United States.....	2,045	2,502	2,250	2,457
Canada.....	....	1,749	3,170	3,904 <sup>2</sup>
Spain.....	265	404	525	502 <sup>2</sup>
European Community.....	3,600	4,390	4,290	4,350 <sup>2</sup>
France <sup>3</sup> .....	1,581	1,877	1,842	1,797 <sup>2</sup>
West Germany <sup>4</sup> .....	1,967	2,335	2,203	2,370 <sup>2</sup>
Communist Countries <sup>5</sup>				
USSR and Eastern Europe.....	2,750	4,290	6,510	7,910
USSR.....	1,084	2,368	4,087	5,445
Eastern Europe.....	1,670	1,930	2,420	2,470
East Germany.....	1,006	1,926	2,419	2,458
Romania.....	....	....	4	11
Far East				
China.....	10*	Negl.*	10*	20*

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Data are for "fertilizer years"—in general, the year beginning 1 July of the stated year. Including unidentified double counting of some products used for technical purposes (estimated at 4% to 5% of the total).

<sup>2</sup> Data are for 1971.

<sup>3</sup> Beginning 1 May of the stated year.

<sup>4</sup> Excluding technical potash.

<sup>5</sup> Data are for calendar years.

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Table 107

	Production of Sulfuric Acid <sup>1</sup> Thousand Metric Tons			
	1960	1965	1970	1972
OECD.....	38,700	51,300	62,000	64,100
United States <sup>2</sup> .....	16,223	22,544	20,785	28,164
Japan.....	4,452	5,655	6,925	6,092
European Community.....	12,700	15,800	18,400	18,600
France.....	2,046	2,916	3,682	4,032
Italy.....	2,299	2,079	3,330	3,072
United Kingdom.....	2,745	3,358	3,348	3,456
West Germany <sup>3</sup> .....	3,170	3,751	4,435	3,864
Communist Countries				
USSR and Eastern Europe.....	7,890	12,800	18,100	20,800
USSR.....	5,398	8,518	12,059	13,700
Eastern Europe.....	2,500	4,230	6,080	7,100
Bulgaria.....	123	318	503	514
Czechoslovakia.....	553	933	1,110	1,189
East Germany.....	730	985	1,099	1,045
Hungary <sup>4</sup> .....	178	393	471	591
Poland.....	685	1,062	1,901	2,565
Romania.....	226	541	994	1,200
Far East				
China.....	1,350	2,200*	N.A.	N.A.
Other				
Cuba.....	44	202	323	N.A.
Yugoslavia.....	121	405	696	791

<sup>\*</sup>An asterisk indicates that the data are CONFIDENTIAL.<sup>1</sup>Pure (monohydrate) sulfuric acid (100% H<sub>2</sub>SO<sub>4</sub>).<sup>2</sup>Including appreciable amounts produced in government-owned privately operated plants.<sup>3</sup>Including data for West Berlin.<sup>4</sup>Including oleum.

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Table 108

	Production of Synthetic Ammonia <sup>1</sup>			
	Thousand Metric Tons of N			
	1960	1965	1970	1972
OECD.....	9,020	14,900	22,100	23,500
United States <sup>2</sup> .....	3,595	6,500	10,315	10,672
Canada.....	405 <sup>3</sup>	551	1,007	N.A.
Japan <sup>2</sup> .....	1,050	1,779	2,682	3,088
European Community.....	3,420	5,030	6,580	7,200
France.....	724	1,281	1,610	1,800
Italy.....	724	1,035	1,277	1,600
Netherlands.....	410	661	1,340	N.A.
West Germany.....	1,242	1,059	1,821	1,900
Communist Countries				
USSR and Eastern Europe.....	2,150	4,970	N.A.	N.A.
USSR.....	1,138	3,137	6,282	7,649
Eastern Europe.....	1,020	1,830	N.A.	N.A.
Bulgaria.....	171	338	788	710
Czechoslovakia.....	130	226	329	344
East Germany.....	393	439	481	456
Hungary.....	67	173	414	444
Poland.....	285	440	1,189	1,303
Romania.....	29	218	N.A.	N.A.
Far East				
North Korea.....	111*	120*	280*	360*
Other				
Yugoslavia.....	12	114	285	N.A.

<sup>\*</sup>An asterisk indicates that the data are CONFIDENTIAL.<sup>1</sup> Unless otherwise indicated, nitrogen content of synthetic ammonia.<sup>2</sup> Synthetic anhydrous (commercial grade). To convert to actual production of synthetic ammonia, multiply by 1.2158.<sup>3</sup> Data are for 1961.

Table 109

	Production of Plastics in the US and the USSR			
	Thousand Metric Tons			
	1960	1965	1970	1972
United States <sup>1</sup> .....	2,851	5,300	8,714	10,977
USSR.....	312	803	1,673	2,035

<sup>1</sup> Dry basis, excluding water, solvents, and other liquid diluents.

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Table 110

Production of Caustic Soda<sup>1</sup>

	1960	1965	1970	1972	Thousand Metric Tons
OECD.....	8,250	11,500	18,300	19,200	
United States.....	4,510	6,164	9,200	9,310	
Japan.....	860	1,344	2,085	2,088	
European Community.....	1,970	2,640	4,400	4,840	
France.....	597	663	1,094	1,240	
Italy.....	429	725	1,012	1,060	
West Germany.....	776	1,178	1,080	1,932	
Communist Countries					
USSR and Eastern Europe.....	1,420	2,250	3,140	N.A.	
USSR.....	704	1,199	1,783	1,899	
Eastern Europe.....	717	1,050	1,360	N.A.	
Bulgaria.....	17	32	46	65	
Czechoslovakia.....	115	158	189	210	
East Germany.....	327	364	413	420	
Hungary <sup>2</sup> .....	17	50	69	82	
Poland.....	167	215	313	335	
Romania.....	74	233	330	N.A.	
Other					
Cuba.....	2*	2	N.A.	N.A.	
Yugoslavia.....	48	88	93	95	

<sup>1</sup>An asterisk indicates that the data are CONFIDENTIAL.<sup>1</sup> Pure caustic soda (100% NaOH), including tonnage not commercialized but used on the spot for processing.<sup>2</sup> Including regenerated caustic soda.

Table 111

## Production of Synthetic Rubber

	1960	1965	1970	1972	Thousand Metric Tons
OECD.....	1,910	2,960	4,540	4,990	
United States.....	1,459	1,842	2,232	2,455	
Canada.....	162	206	205	195	
Japan.....	23	161	698	807	
European Community.....	269	727	1,330	1,420	
France.....	17	148	316	366	
Italy.....	67	120	155	200	
Netherlands.....	12	102	206	186	
United Kingdom.....	92	175	306	307	
West Germany.....	81	164	302	300	
Communist Countries					
USSR and Eastern Europe.....	455*	799*	1,210*	1,410*	
USSR.....	347*	604*	914*	1,060*	
Eastern Europe.....	108*	195	293	349	
Bulgaria.....	....	....	4	15	
Czechoslovakia.....	1*	30	48	51	
East Germany <sup>1</sup> .....	87	95	118	132	
Poland.....	20	39	62	78	
Romania.....	....	31	61	73	

<sup>1</sup>An asterisk indicates that the data are CONFIDENTIAL.<sup>1</sup> Including Pervinac and Plastikator.

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Table 112

Production of Rubber Tires<sup>1</sup>

Thousand Units

	1960	1965	1970	1972
<b>OECD</b>				
United States.....	123,059	172,532	193,071	234,173
Canada <sup>2</sup> .....	8,458	13,424	20,448	21,000
Japan <sup>2</sup> .....	10,100	28,432	63,828	75,400
European Community				
France <sup>2</sup> .....	16,518	23,374	39,420	45,060
Italy <sup>2</sup> .....	N.A.	16,707 <sup>3</sup>	22,383	N.A.
West Germany <sup>2</sup> .....	14,745	25,566	37,548	41,292
Communist Countries				
USSR and Eastern Europe.....	23,400	35,800	48,800	N.A.
USSR.....	17,225	20,434	34,620	38,700
Eastern Europe.....	6,130	9,390	14,100	N.A.
Bulgaria.....	196	349	550	823
Czechoslovakia <sup>4</sup> .....	1,324	1,792	2,778	3,910
East Germany <sup>5</sup> .....	2,714	3,750	4,692	5,191
Hungary <sup>2</sup> .....	336	581	665	731
Poland <sup>6</sup> .....	1,223	1,697	2,995	3,100
Romania <sup>7</sup> .....	337	1,222	2,457	N.A.
Other				
Cuba.....	343	197	216	N.A.
Yugoslavia <sup>8</sup> .....	391	955	2,762	3,756

<sup>1</sup> Unless otherwise indicated, data are for all motor vehicle tires, excluding aircraft and bicycle tires.

<sup>2</sup> Excluding motorcycle tires.

<sup>3</sup> Data are for 1966.

<sup>4</sup> Excluding motorcycle and bus tires.

<sup>5</sup> Including solid rubber tires.

<sup>6</sup> Excluding motorcycle, tractor, and agricultural tires.

<sup>7</sup> Including aircraft tires.

<sup>8</sup> Automobile, motorcycle, and aircraft tires only.

Table 113

## Production of Natural Rubber

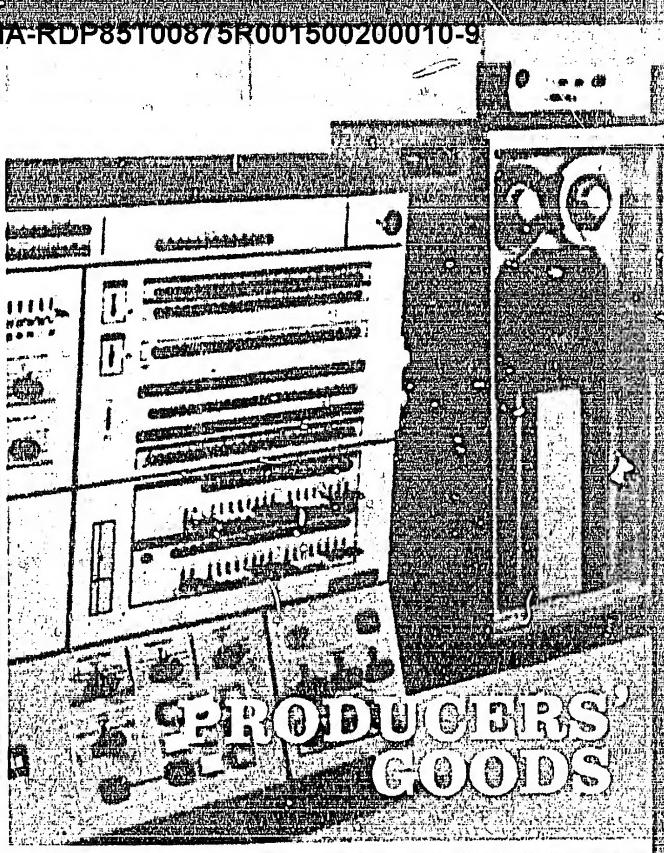
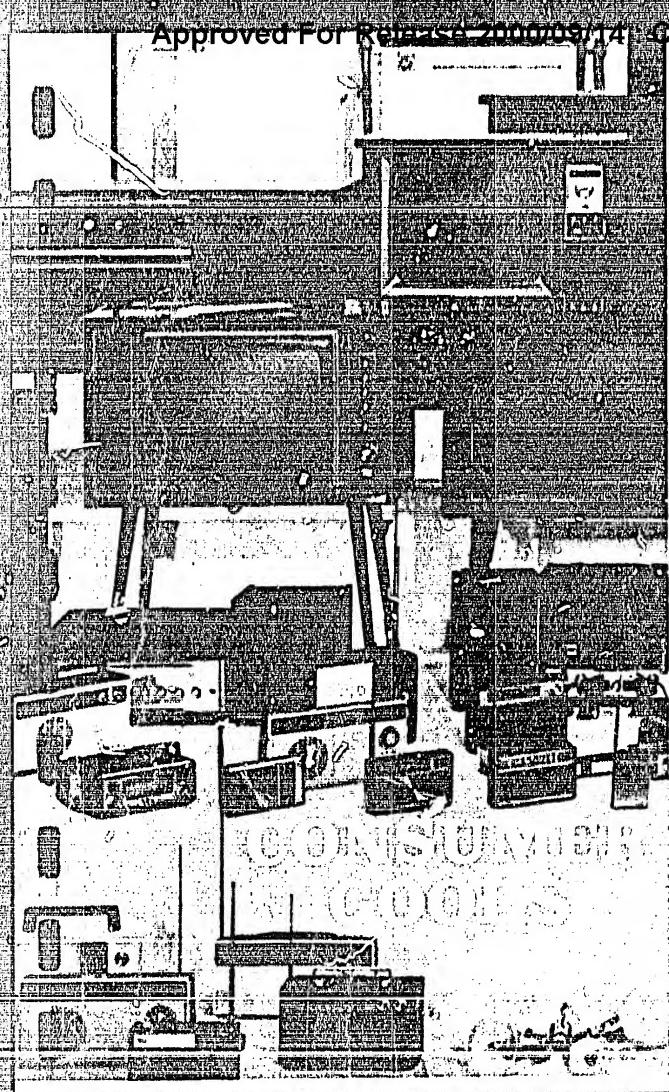
Thousand Metric Tons

	1960	1965	1970	1972
India.....	25.2	49.4	89.9	107.0
Indonesia <sup>1</sup> .....	620.3	716.5	809.2	845.0
Malaysia <sup>2</sup> .....	755.7	917.0	1,269.2	1,324.9
Sri Lanka.....	98.8	118.3	150.2	140.4
Thailand <sup>1</sup> .....	170.8	216.4	287.2	336.1

<sup>1</sup> Exports plus estimated consumption.

<sup>2</sup> Including data for Malaya and Singapore, Sarawak, and Sabah.

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Table 115

Production of Trucks and Buses<sup>1</sup>

Thousand Units

	1960	1965	1970	1972
<b>OECD<sup>2</sup></b>				
United States <sup>3</sup> .....	1,194.5	1,751.8	1,692.4	2,446.8
Canada.....	72.0	144.8	253.2	319.8
Japan.....	595.2	1,222.4	2,124.5	2,274.5
<b>European Community</b>				
France.....	233.6	242.4	291.6	328.8
Italy <sup>4</sup> .....	48.9	71.6	134.5	106.5
United Kingdom.....	458.0	455.2	457.5	408.1
West Germany.....	237.9	242.8	314.4	291.8
<b>Communist Countries</b>				
USSR and Eastern Europe.....	456	510	735	828
USSR.....	384.8	415.1	571.9	648.7
Eastern Europe.....	71.0	94.5	163	179
Bulgaria.....	....	....	3.2	4.2
Czechoslovakia <sup>5</sup> .....	19.1	19.1	27.1	30.2
East Germany.....	13.3	15.7	26.8	29.3
Hungary <sup>5</sup> .....	4.4	6.3	9.8	9.8
Poland <sup>5</sup> .....	23.3	34.3	52.7	60.0
Romania.....	10.9	19.1	43.3	45.7
<b>Far East</b>				
China <sup>6</sup> .....	15	34	70	100
North Korea.....	3.1	4.5*	9.5*	11.6*
<b>Other</b>				
Yugoslavia.....	5.5	11.9	16.2	20.0

<sup>\*</sup>An asterisk indicates that the data are CONFIDENTIAL.<sup>1</sup> Unless otherwise indicated, data are for light and heavy trucks, wheeled tractors for road haulage, special vehicles, and buses.<sup>2</sup> Data include complete units exported for assembly.<sup>3</sup> Factory sales.<sup>4</sup> Excluding production for the armed forces.<sup>5</sup> Excluding wheeled tractors.<sup>6</sup> Excluding buses, jeeps, and three-wheel trucks.

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Table 116

## Production of Television Receivers

				Thousand Units	
		1960	1965	1970	1972
OECD					
United States.....	5,828	11,028	9,483	13,507	
Japan.....	3,578	4,190	13,782	14,300	
European Community					
France.....	655	1,250	1,512	1,648	
Italy.....	728	1,042	2,028	1,580	
United Kingdom.....	2,141	1,591	2,214	3,000	
West Germany.....	2,164	2,776	2,908	2,539 <sup>1</sup>	
Communist Countries					
USSR and Eastern Europe.....	2,720	5,360	8,900	8,170	
USSR.....	1,726	3,655	6,682	5,968	
Eastern Europe.....	989	1,700	2,220	2,200	
Bulgaria.....	Negl.	74	193	102	
Czechoslovakia.....	263	274	383	265	
East Germany.....	416	537	380	430	
Hungary.....	139	267	364	350	
Poland.....	171	452	616	730	
Romania.....	Negl.	101	280	324	
Far East					
China.....	2*	16*	60*	90*	
Other					
Yugoslavia.....	14	254	320	350	

<sup>\*</sup>An asterisk indicates that the data are CONFIDENTIAL.<sup>1</sup> Data are for 1971.

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Table 117  
Production of Radio Receivers<sup>1</sup>

	1960	1965	1970	1972	Thousands Units
<b>OECD</b>					
United States <sup>2</sup> .....	17,969	25,731	17,781	21,311	
Canada <sup>3</sup> .....	696	931	2,004	2,314	
Japan.....	12,851	22,937	32,618	76,833	
<b>European Community</b>					
Belgium.....	1,103	1,240	1,920	1,550 <sup>4</sup>	
France.....	2,214	2,298	2,922	2,873	
Italy.....	935	1,195	3,300	2,986 <sup>4</sup>	
United Kingdom.....	2,504	1,912	1,312	1,587 <sup>4</sup>	
West Germany.....	4,313	4,071	6,627	5,422	
<b>Communist Countries</b>					
USSR and Eastern Europe.....	6,410	7,570	10,800	12,000	
USSR.....	4,165	5,160	7,815	8,842	
Eastern Europe.....	2,240	2,410	3,020	3,130	
Bulgaria.....	157	130	145	141	
Czechoslovakia.....	270	288	416	249	
East Germany.....	810	808	807	1,041	
Hungary.....	212	228	206	193	
Poland.....	627	624	987	981	
Romania.....	167	323	455	527	
<b>Far East</b>					
China.....	1,500	1,500*	N.A.	2,000*	
<b>Other</b>					
Yugoslavia.....	244	504	277	146	

<sup>1</sup>An asterisk indicates that the data are CONFIDENTIAL.<sup>1</sup>Civilian radio receivers and radio-phonograph combinations.<sup>2</sup>Data for radio-phonograph combinations are factory sales.<sup>3</sup>Receiving sets for home use only.<sup>4</sup>Data are for 1971.

Table 118

Production of Footwear<sup>1</sup>

	1960	1965	1970	1972	Million Pairs
<b>OECD</b>					
United States.....	600.0	620.1	562.3	525.7	
Italy.....	80.0 <sup>2</sup>	176.0 <sup>3</sup>	269.5	275.5	
<b>Communist Countries</b>					
USSR.....	419.3	486.0	675.7	645.0	

<sup>1</sup>Leather shoes and slippers.<sup>2</sup>Data are for 1961.<sup>3</sup>Data are for 1966.

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119

Table 119  
Production of Woven Cotton Fabrics<sup>1</sup>

	Unit of Measure	1960	1965	1970	1972
<b>OECD</b>					
United States.....	Million linear meters.....	8,564	8,469	5,848	5,249
Japan <sup>2</sup> .....	Million square meters.....	3,221	3,013	2,616	2,256
Spain.....	Thousand metric tons.....	93	109	90	88
Turkey <sup>3</sup> .....	Million linear meters.....	384	781	815	850
<b>European Community</b>					
France.....	Thousand metric tons.....	119	210	197	222
Italy.....	Thousand metric tons.....	139	103	128	125
United Kingdom <sup>3</sup> .....	Million linear meters.....	1,183	928	628	490
West Germany <sup>2</sup> .....	Thousand metric tons.....	289	206	182	188
<b>Other Countries</b>					
India <sup>4</sup> .....	Million linear meters.....	6,629	7,643	7,620	7,975
Pakistan <sup>3,5</sup> .....	Million linear meters.....	575	658	720	N.A.
<b>Communist Countries</b>					
USSR <sup>2,3</sup> .....	Million square meters.....	4,838	5,499	6,152	6,419
<b>Eastern Europe</b>					
Bulgaria <sup>2</sup> .....	Million linear meters.....	218	291	319	322
Czechoslovakia.....	Million linear meters.....	464	500	528	603
East Germany.....	Million square meters.....	254	244	248	N.A.
Hungary <sup>2</sup> .....	Million square meters.....	225	305	258	275
Poland <sup>2</sup> .....	Million linear meters.....	667	811	881	901
Romania <sup>2</sup> .....	Million square meters.....	248	319	437	N.A.
<b>Far East</b>					
China.....	Million linear meters.....	5,800	5,400	7,500	7,500
<b>Other</b>					
Yugoslavia.....	Million square meters.....	257	394	390	374

<sup>1</sup> Unless otherwise indicated, data are for fabrics, in the piece, before undergoing finishing processes such as bleaching, dyeing, and making up.

<sup>2</sup> Fabrics after undergoing finishing processes.

<sup>3</sup> Excluding mixed fabrics.

<sup>4</sup> Mill and decentralized sector production.

<sup>5</sup> Mill production only. Data include finished fabrics.

Table 120  
Production of Woven Woolen Fabrics<sup>1</sup>

	Unit of Measure	1960	1965	1970	1972
<b>OECD</b>					
United States.....	Million linear meters.....	262	244	163	94
Australia <sup>2</sup> .....	Million square meters.....	25	20	21 <sup>3</sup>	14 <sup>3</sup>
Canada <sup>4,5</sup> .....	Million linear meters.....	14	15	12	11
Japan <sup>6</sup> .....	Million square meters.....	316	341	426	544
Spain.....	Thousand metric tons.....	17	22	33	37
Turkey <sup>7</sup> .....	Million linear meters.....	10	24	23	26
<b>European Community</b>					
Belgium.....	Thousand metric tons.....	29	38	39	44
France.....	Thousand metric tons.....	72	60	64	68 <sup>4</sup>
Italy.....	Thousand metric tons.....	82	52	100	120
Netherlands.....	Million square meters.....	68	67	N.A.	N.A.
United Kingdom <sup>4</sup> .....	Million square meters.....	307	270	215	184
West Germany <sup>4</sup> .....	Thousand metric tons.....	68	55	48	55
<b>Other Countries</b>					
India <sup>8</sup> .....	Million linear meters.....	8	10	13	11 <sup>9</sup>
<b>Communist Countries</b>					
USSR <sup>4,7</sup> .....	Million square meters.....	439	466	643	681
<b>Eastern Europe</b>					
Bulgaria <sup>4</sup> .....	Million linear meters.....	19	20	27	29
Czechoslovakia.....	Million linear meters.....	46	44	49	55
East Germany.....	Million square meters.....	48	38	35	36 <sup>9</sup>
Hungary <sup>4</sup> .....	Million square meters.....	27	29	27	24
Poland <sup>4</sup> .....	Million linear meters.....	79	91	99	100
Romania <sup>4</sup> .....	Million square meters.....	32	41	63	70 <sup>9</sup>
<b>Other</b>					
Yugoslavia.....	Million square meters.....	46	54	42	59

<sup>1</sup> Unless otherwise indicated, data are for woven woolen and worsted fabrics (in the piece, before undergoing finishing processes such as bleaching, dyeing, and making up) and for mixed woolen fabrics.

<sup>2</sup> Twelve months ending 30 June of the stated year.

<sup>3</sup> Excluding worsted fabrics.

<sup>4</sup> Fabrics after undergoing finishing processes.

<sup>5</sup> Factory shipments.

<sup>6</sup> Including finished fabrics.

<sup>7</sup> Excluding mixed fabrics.

<sup>8</sup> Wearable fabrics produced in the mill sector only.

<sup>9</sup> Data are for 1971.

UNCLASSIFIED

Table 121

Production of Woven Rayon and Acetate Fabrics<sup>1</sup>

	Unit of Measure	1960	1965	1970	1972
<b>OECD</b>					
United States.....	Million linear meters.....	1,312	1,650	1,231	1,134
Australia <sup>2 3</sup> .....	Million square meters.....	15	27	29	21
Japan <sup>3</sup> .....	Million square meters.....	1,828	1,653	1,548	1,272
<b>European Community</b>					
Belgium.....	Thousand metric tons.....	10	17	26	33
France <sup>4 5</sup> .....	Thousand metric tons.....	30	32	43	48
Italy.....	Thousand metric tons.....	24	19	12	N.A.
United Kingdom <sup>4</sup> .....	Million linear meters.....	564	572	485	451
West Germany.....	Thousand metric tons.....	N.A.	116	97	87
<b>Other Countries</b>					
India <sup>4</sup> .....	Million linear meters.....	550	870	934	973 <sup>6</sup>
<b>Communist Countries</b>					
USSR <sup>4 7</sup> .....	Million square meters.....	628	769	1,112	1,232
<b>Eastern Europe</b>					
Bulgaria <sup>4 5 7</sup> .....	Million linear meters.....	11	15	21	27
Czechoslovakia.....	Million linear meters.....	58	59	86	N.A.
East Germany.....	Million square meters.....	57	55	66	65 <sup>6</sup>
Hungary <sup>7</sup> .....	Million square meters.....	25	32	46	45
Poland <sup>7</sup> .....	Million linear meters.....	103	103	116	114 <sup>6</sup>
Romania <sup>7</sup> .....	Million square meters.....	22	26	36	41 <sup>6</sup>
<b>Other</b>					
Yugoslavia <sup>4</sup> .....	Million square meters.....	19	24	29	36

<sup>1</sup> Unless otherwise indicated, data are for pure and mixed fabrics, in the piece, before undergoing finishing processes such as bleaching, dyeing, and making up.

<sup>2</sup> Twelve months ending 30 June of the stated year.

<sup>3</sup> Including finished fabrics.

<sup>4</sup> Including fabrics of noncellulosic fibers.

<sup>5</sup> Including fabrics of natural silk.

<sup>6</sup> Data are for 1971.

<sup>7</sup> Fabrics after undergoing finishing processes.

UNCLASSIFIED

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Table 122

	Production of Synthetic Fibers <sup>1</sup> Thousand Metric Tons			
	1960	1965	1970	1972
<b>OECD</b>				
United States.....	307.2	806.0	1,626.7	2,429.3
Canada.....	17.0	37.5	73.0	N.A.
Japan.....	118.3	379.6	1,028.0	1,117.2
Spain.....	3.1	14.8	63.5	107.4
European Community.....	204	581	1,370	N.A.
France.....	45.3	87.1	175.2	234.3
Italy.....	33.7	110.7	251.4	319.4
Netherlands.....	9.1	44.2	90.0	N.A.
United Kingdom.....	61.0 <sup>2</sup>	148.0 <sup>2</sup>	336.9	361.4
West Germany.....	52.3	179.3 <sup>3</sup>	497.0 <sup>3</sup>	617.2 <sup>3</sup>
<b>Communist Countries</b>				
USSR and Eastern Europe.....	35.1	136	361	N.A.
USSR.....	15.0	77.5	166.5	N.A.
Eastern Europe.....	20.1	58.4	195	N.A.
Bulgaria.....	...	....	23.1	35.0
Czechoslovakia.....	3.0	9.6	31.5	47.0
East Germany.....	7.8	18.9	47.6	69.6
Hungary.....	0.4	2.3	5.6	6.6
Poland.....	8.0	24.3	57.5	74.0
Romania.....	0.9	3.3	29.5	N.A.
<b>Other</b>				
Yugoslavia.....	N.A.	N.A.	8.7	13.1

<sup>1</sup> Data are for noncellulosic fibers either made of natural polymers, which are based on materials such as casein or groundnuts, or made of synthetic polymers, which are based mostly on coal or petroleum. Data exclude waste, glass fibers, and rubber fibers.

<sup>2</sup> "Delivery weight," approximately 3% less than "actual weight."

<sup>3</sup> Including data for West Berlin.

Table 123

	Production of Electric Motors <sup>1</sup> Thousand Kilowatts			
	1960	1965	1970	1972
<b>Communist Countries</b>				
USSR <sup>2</sup> .....	17,597	26,800	33,319	36,500
Bulgaria.....	919	2,864	4,194	4,165
Czechoslovakia.....	2,952	4,176	3,913	4,398 <sup>3</sup>
Poland.....	2,362	4,486	7,429	8,468
Romania.....	559	1,255	2,894	3,397 <sup>3</sup>

<sup>1</sup> Unless otherwise indicated, data are for alternating and direct current motors.

<sup>2</sup> Alternating current motors of 0.25 kilowatt and over.

<sup>3</sup> Data are for 1971.

UNCLASSIFIED

Table 124  
Production of Metalcutting Machine Tools<sup>1</sup>

	Thousand Units			
	1960	1965	1970	1972
United States.....	42.91	68.01	49.31	41.59
Communist Countries				
USSR and Eastern Europe.....	<b>246</b>	286	321	<b>346</b>
USSR.....	155.92	186.13	202.26	210.00
Eastern Europe.....	89.8	99.8	119	<b>136</b>
Bulgaria.....	3.15	8.06	13.94	17.34
Czechoslovakia.....	30.23	24.33	35.19	42.30
East Germany.....	22.07	19.71	16.53	14.00
Hungary.....	7.40	9.40	9.50	9.52
Poland.....	22.50	31.10	29.73	36.60
Romania.....	4.44	7.16	11.14	15.80
Far East				
North Korea.....	2.9	4.0	10.4	N.A.
North Vietnam.....	0.65	0.50	N.A.	N.A.

<sup>1</sup> Power-driven metalcutting machines that are not portable by hand and are used to remove metal in the form of chips; these machines include lathes and planers, and milling, honing, lapping, grinding, electroerosion, and ultrasonic cutting machines.

Table 125  
Production of Metalforming Machine Tools<sup>1</sup>

	Thousand Units			
	1960	1965	1970	1972
United States <sup>2</sup> .....	31.3	44.0	58.3 <sup>3</sup>	53.2 <sup>3</sup>
USSR.....	29.9	34.6	41.3	43.9

<sup>1</sup> Power-driven metalforming machine tools that are not supported in the hands of an operator when in use and are designed to press, forge, emboss, hammer, extrude, blank, spin, shear, and bend metal into shape.

<sup>2</sup> Unless otherwise indicated, data exclude manually operated bending and forming machines, spinning lathes, and riveting, canmaking, diecasting, wire-weaving, wiredrawing, knurling, and marking machines, which usually are included in the definition of metalforming machine tools by the US Department of Commerce.

<sup>3</sup> Including manually operated bending and forming machines for which separate data are not available.

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Table 126

Production of Electric Generators<sup>1</sup>

	Thousand Kilowatts			
	1960	1965	1970	1972
United States <sup>2</sup> .....	12,890	15,451	27,565	44,199
Communist Countries				
USSR.....	7,915	14,390	10,578	13,700
Bulgaria.....	29	13	37	104 <sup>3</sup>
Czechoslovakia <sup>4</sup> .....	1,391	888	1,488	1,646 <sup>3</sup>
Hungary <sup>4</sup> .....	347	416	590	263 <sup>3</sup>
Romania.....	83	205	747	523 <sup>3</sup>

<sup>1</sup> Turbogenerators and hydrogenerators. Production of diesel generators is believed to be negligible in most instances.

<sup>2</sup> Shipments of units of 4,000 kilowatts and larger.

<sup>3</sup> Data are for 1971.

<sup>4</sup> Generators for steam and gas turbines only.

Table 127

Production of Turbines<sup>1</sup>

	Thousand Kilowatts			
	1960	1965	1970	1972
OECD				
United States <sup>2</sup> .....	12,899	15,451	27,565	44,199
Japan.....	1,949	4,717	16,603	15,865
Communist Countries				
USSR <sup>3</sup> .....	9,200	14,625	16,191	14,600
Czechoslovakia.....	1,555	1,994	2,239	1,463 <sup>4</sup>
Poland <sup>5</sup> .....	186	471	1,135	1,192 <sup>4</sup>
Romania <sup>6</sup> .....	98	27	121	24 <sup>4</sup>

<sup>1</sup> Unless otherwise indicated, data are for steam and hydraulic turbines. Most production of turbines is for use in matched sets with generators for production of electric power. In addition, turbines are produced in single units for many purposes, including direct industrial drives, marine propulsion, and pipeline transmission.

<sup>2</sup> Shipments of units of 4,000 kilowatts and larger. Data are available only for turbines produced as integral units together with generators. Therefore, data for turbines and generators for the United States are assumed to be the same. Some turbines are produced in single units but no data are available on this production.

<sup>3</sup> Including a small number of gas turbines.

<sup>4</sup> Data are for 1971.

<sup>5</sup> Steam turbines only.

<sup>6</sup> Steam turbines of more than 500 kilowatts only.

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Table i28

Production of Digital Computers<sup>1</sup>

	1960	1965	1970	1972	Units
OECD					
United States.....	1,200	7,000	18,000	24,000	
Japan.....	30	320	1,000	2,900	
European Community					
France.....	N.A.	200	700	960	
United Kingdom.....	70	200	500	540	
West Germany.....	N.A.	N.A.	500	690	
Communist Countries					
USSR.....	280*	470*	800*	1,300*	
Eastern Europe					
Czechoslovakia.....	...	...	30*	50*	
East Germany.....	15*	...	100*	100*	
Poland.....	...	20*	60*	80*	
Far East					
China.....	5*	35*	40*	60*	

<sup>1</sup>An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Estimates of this Office based on fragmentary market surveys and installations reports. No attempt has been made to standardize these units in terms of either value or computational capability. Total production of digital computers through 1972, including years not mentioned above, is as follows (in units): the United States, 154,000; France, 4,860; the United Kingdom, 4,540; West Germany, 3,690; Japan, 10,000; the USSR, 8,300; Czechoslovakia, 180; East Germany, 430; Poland, 550; and China, 405.

Table 129

Total Housing Construction<sup>1</sup>

	1960	1965	1970	1972	Thousand Square Meters
United States <sup>2</sup> .....	144,000	158,000	148,000	239,000	
Communist Countries					
USSR.....	109,600	97,600	106,000	106,400	
Eastern Europe					
Bulgaria.....	2,797	2,745	2,816	3,093 <sup>3</sup>	
Czechoslovakia.....	4,994	5,087	7,526	7,468 <sup>3</sup>	
East Germany <sup>4</sup> .....	4,089	3,465	3,619	3,640 <sup>3</sup>	
Hungary.....	3,335	3,303	4,938	4,608 <sup>3</sup>	
Poland.....	8,071	8,354	10,552	10,633 <sup>3</sup>	
Romania <sup>4</sup> .....	4,167	3,793	5,089	4,833 <sup>3</sup>	
Other					
Albania <sup>5</sup> .....	201	156 <sup>6</sup>	N.A.	N.A.	
Yugoslavia.....	3,664	6,416	6,606	7,650	

<sup>1</sup> Total housing space, which includes living rooms, bedrooms, dining area, and auxiliary space such as bathrooms, kitchens, closets, and inside hallways.

<sup>2</sup> Data are computed from the number of housing starts during the given years. Strictly speaking, therefore, the data on completions are more accurate for interyear comparisons than for any given year. Housing starts were converted to total floorspace by converting to square meters on the basis of varying sizes of structures.

<sup>3</sup> Data are for 1971.

<sup>4</sup> Living space only.

<sup>5</sup> Socialist sector only.

<sup>6</sup> Estimated.

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Table 130

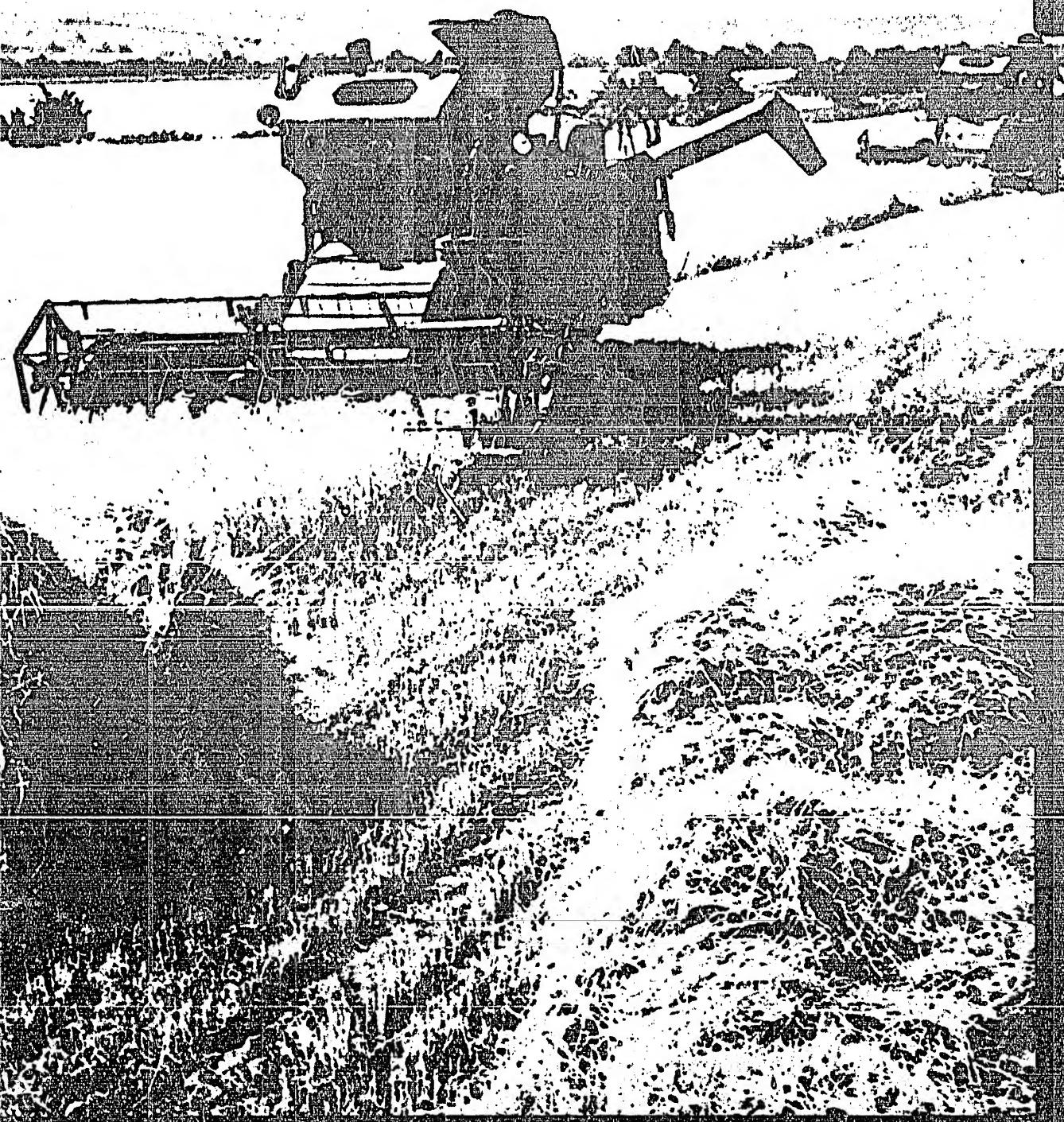
Production of Cement<sup>1</sup>

Thousand Metric Tons

	1960	1965	1970	1972
OECD.....	185,000	249,000	317,000	354,000
United States.....	56,063	65,078	67,427	75,024
Canada.....	5,338	7,065	7,275	9,096
Japan.....	22,537	32,486	57,180	66,289
Spain.....	5,234 <sup>2</sup>	9,882	16,702	19,440
Turkey.....	2,038	3,238	6,374	8,424
European Community.....	77,400	107,000	132,000	141,000
Belgium <sup>3</sup> .....	4,388	5,095	6,729	7,092
France.....	14,349	22,423	29,009	30,288
Italy.....	16,014	20,095	33,076	33,456
United Kingdom.....	13,501	17,194	17,057	18,048
West Germany.....	24,905	34,133 <sup>3</sup>	38,324 <sup>3</sup>	43,152 <sup>3</sup>
Other Countries				
Brazil.....	4,474	5,873	9,092	11,232
India.....	7,845	10,578	13,956	15,600
Mexico.....	3,089	4,304	7,267	8,570
Communist Countries				
USSR and Eastern Europe.....	68,400	104,000	137,000	151,000
USSR.....	45,520	72,388	95,248	104,300
Eastern Europe.....	22,900	31,800	42,100	47,000
Bulgaria.....	1,586	2,681	3,668	3,910
Czechoslovakia.....	5,051	5,713	7,402	8,045
East Germany.....	5,032	6,087	7,987	8,854
Hungary.....	1,571	2,383	2,771	2,969
Poland.....	6,599	9,573	12,180	13,986
Romania.....	3,054	5,406	8,127	9,212
Far East				
China.....	12,000	13,900	20,800	29,800
North Korea.....	2,285	2,400	4,000	4,500
North Vietnam.....	408	660	250	180*
Other				
Albania.....	73	134	340	N.A.
Cuba.....	813	801	742	1,485
Yugoslavia.....	2,398	3,102	4,398	5,750

<sup>\*</sup>An asterisk indicates that the data are CONFIDENTIAL.<sup>1</sup>All types of hydraulic cements used in construction.<sup>2</sup>Excluding natural cement.<sup>3</sup>Including data for West Berlin.

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Table 131

Production of Total Grain<sup>1</sup>

Million Metric Tons

	1960	1965	1970	1972
<b>OECD</b>				
United States <sup>2</sup> .....	181.25	183.46	186.08	227.96
Australia.....	10.66	9.44	12.30	9.43
Canada.....	25.39	30.68	26.88	33.43
Japan.....	20.18	18.24	17.00	15.41
Spain.....	7.27	8.82	10.03	12.02
Turkey.....	12.00	12.64	13.68	15.11
European Community.....	68.8	81.0	87.9	103
France.....	23.01	28.96	31.59	30.65
Italy.....	11.98	14.50	16.13	16.26
United Kingdom.....	9.46	13.62	13.00	15.27
West Germany.....	15.06	13.47	16.79	19.98
<b>Other Countries</b>				
Argentina.....	11.32	14.41	16.05	20.16
Brazil.....	14.84	18.30	21.55	19.31
India.....	68.47	65.60	94.03	88.95
<b>Communist Countries</b>				
USSR and Eastern Europe.....	141	153	205	207
USSR <sup>3</sup> .....	93	100	150	134
Eastern Europe.....	48.3	53.1	54.7	72.9
Bulgaria <sup>4</sup> .....	4.80	5.19	6.70	8.04
Czechoslovakia.....	5.74	5.24	7.20	8.65
East Germany <sup>5</sup> .....	6.38	6.73	6.46	8.50
Hungary <sup>4</sup> .....	6.82	7.37	7.49	10.65
Poland <sup>5,6</sup> .....	14.78	16.00	16.26	20.50
Romania <sup>4</sup> .....	9.77	12.60	10.57	16.60
<b>Far East</b>				
China <sup>7</sup> .....	100	190 to 195	220 to 225	210 to 215
North Korea <sup>8</sup> .....	3.80*	4.50*	5.00*	5.20*
North Vietnam <sup>9</sup> .....	4.52	5.00	4.90	4.90
<b>Other</b>				
Albania <sup>4,5</sup> .....	0.22	0.34	0.56	N.A.
Cuba <sup>10</sup> .....	0.41	0.08	0.30	N.A.
Yugoslavia <sup>4</sup> .....	10.86	10.55	11.57	12.72

<sup>\*</sup>An asterisk indicates that the data are CONFIDENTIAL.<sup>1</sup> Data are for the following products, where they are produced: barley, corn, oats, rice, rye, and wheat.<sup>2</sup> Including sorghum for grain.<sup>3</sup> Including miscellaneous grains and pulses.<sup>4</sup> Excluding rice.<sup>5</sup> Including miscellaneous grains.<sup>6</sup> Excluding corn.<sup>7</sup> Including kaoliang, broad beans, and field peas. Tubers are included on a grain equivalent basis of 4 metric tons of tubers to 1 metric ton of grain.<sup>8</sup> Including soybeans and tubers on a straight weight basis.<sup>9</sup> Unhusked or paddy rice and corn, expressed in terms of paddy equivalent.<sup>10</sup> Data reflect only rice production and government collections of corn; total production is considerably higher.

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Table 132

## Production of Breadgrain (Wheat and Rye)

Million Metric Tons

	1960	1965	1970	1972
<b>OECD</b>				
United States.....	37.71	36.65	37.72	42.86
Australia.....	7.47	7.08	7.91	6.50
Canada.....	14.37	18.10	9.59	14.86
Spain.....	3.90	5.06	4.32	4.77
Turkey.....	7.65	8.13	8.68	10.20
European Community.....	33.5	39.3	38.1	44.5
France.....	11.46	15.17	13.23	17.98
Italy.....	6.89	9.86	9.76	9.47
United Kingdom.....	3.06	4.10	4.25	4.78
West Germany.....	8.74	7.09	8.19	9.36
<b>Other Countries</b>				
Argentina.....	4.70	6.32	5.10	8.85
India <sup>1</sup> .....	10.32	12.29	20.09	26.48
<b>Communist Countries</b>				
USSR and Eastern Europe.....	84.1	92.5	117	113
USSR.....	59.80	62.70	90.50	76.30
Eastern Europe.....	24.3	29.8	26.6	36.5
Bulgaria.....	2.46	2.97	3.06	3.58
Czechoslovakia.....	2.40	2.81	3.63	4.48
East Germany.....	3.58	3.71	3.62	4.68
Hungary.....	2.12	2.73	2.87	4.29
Poland.....	10.18	11.54	10.04	13.40
Romania.....	3.55	6.06	3.40	6.10
<b>Other</b>				
Albania.....	0.07	0.13	0.23	N.A.
Yugoslavia.....	3.80	3.62	3.92	4.06

<sup>1</sup> Wheat only.

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Table 133

## Production of Coarse Grains (Barley, Corn, and Oats)

		1960	1965	1970	1972	Million Metric Tons
OECD						
United States <sup>1</sup> .....		141.07	143.35	145.20	181.23	
Canada.....		11.02	12.58	17.20	18.57	
Spain.....		3.00	3.40	5.31	6.00	
Turkey.....		4.30	4.35	4.76	4.67	
European Community.....		34.5	41.1	49.0	57.3	
Denmark <sup>2</sup> .....		3.48	4.00	5.44	6.10	
France.....		11.44	13.70	18.26	21.60	
Italy.....		4.48	4.13	5.56	5.88	
United Kingdom <sup>3</sup> .....		6.40	9.42	8.75	10.49	
West Germany.....		6.32	6.38	8.60	10.62	
Other Countries						
Argentina.....		6.47	7.92	10.66	10.96	
Brazil.....		9.08	11.42	13.50	12.90	
India.....		6.80	7.28	10.20	7.00	
Mexico.....		5.63	8.21	9.05	8.28	
South Africa.....		5.42	5.19	8.75	5.14	
Communist Countries <sup>3</sup>						
USSR and Eastern Europe.....		57.1	60.1	86.6	92.8	
USSR <sup>4</sup> .....		33.1	36.8	58.5	56.4	
Eastern Europe.....		24.0	23.3	28.0	36.4	
Bulgaria <sup>5</sup> .....		2.34	2.22	3.64	4.46	
Czechoslovakia <sup>5</sup> .....		3.34	2.42	3.57	4.17	
East Germany.....		2.80	3.02	2.84	3.82	
Hungary <sup>5</sup> .....		4.69	4.54	4.62	6.36	
Poland <sup>2</sup> .....		4.58	4.47	6.21	7.10	
Romania <sup>5</sup> .....		6.22	6.49	7.17	10.50	
Far East						
North Vietnam <sup>6</sup> .....		0.21	0.29	0.24	0.24	
Other						
Albania.....		0.14	0.21	N.A.	N.A.	
Cuba <sup>6</sup> <sup>7</sup> .....		0.10	0.02	0.01	0.01	
Yugoslavia <sup>5</sup> .....		7.06	6.94	7.64	7.75	

<sup>1</sup> Including sorghum for grain.<sup>2</sup> Excluding corn.<sup>3</sup> Unless otherwise indicated, data include miscellaneous grains.<sup>4</sup> Including pulses.<sup>5</sup> Excluding miscellaneous grains.<sup>6</sup> Corn only.<sup>7</sup> Data reflect government collections only; total production is considerably higher.

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Table 134

Production of Rice<sup>1</sup>

Thousand Metric Tons

	1960	1965	1970	1972
<b>OECD</b>				
United States.....	2,476	3,460	3,758	3,858
Japan.....	16,074 <sup>2</sup>	15,511 <sup>2</sup>	15,861	14,715
European Community.....	725	607	920	976
Italy.....	622	509	819	900
<b>Other Countries</b>				
Bangladesh.....	14,065	15,975	16,950	14,895
Brazil.....	5,392 <sup>2</sup>	6,600	6,315	5,711
Burma.....	7,575	8,055	8,128	7,600
India.....	51,348 <sup>2</sup>	40,029 <sup>2</sup>	63,736	55,472
Indonesia.....	12,849	13,700	23,064	18,769
South Korea.....	3,127	4,767	5,571	5,342
South Vietnam.....	4,955	4,822	5,715	6,215
<b>Communist Countries</b>				
USSR and Eastern Europe.....	266	581	1,210	1,480
USSR.....	140	480	1,030	1,310
Eastern Europe.....	126	101	176	173
Bulgaria.....	32	34	66	55
Hungary.....	45	21	45	61
Romania.....	49	46	65	57
<b>Far East</b>				
North Vietnam.....	4,212	4,600	4,500	4,500
<b>Other</b>				
Albania.....	5	10	15	N.A.
Cuba.....	306	50	291	N.A.
Yugoslavia.....	22	25	32	18

<sup>1</sup> Rough, or paddy, rice. Data refer to crops harvested in the last half of the year stated combined with crops harvested in the first half of the following year.

<sup>2</sup> Estimated from planted acreage.

UNCLASSIFIED

Table 135

Production of Potatoes<sup>1</sup>

	1960	1965	1970	Million Metric Tons 1972
OECD.....	96.6	82.1	84.2	75.9
United States.....	11.68	13.15	14.78	13.36
Canada.....	2.06	2.11	2.50	1.88
Japan.....	3.59	4.06	3.61	3.02
Spain.....	4.62	4.00	5.42	5.10
Turkey.....	1.40	1.68	1.92	2.00
European Community.....	61.3	47.5	46.1	42.1
France.....	15.89	11.07	8.87	8.47
Italy.....	3.82	3.55	3.67	3.30
Netherlands.....	3.07	3.24	5.65	5.58
United Kingdom.....	7.27	7.58	7.48	6.41
West Germany.....	24.54	18.09	16.25	15.04
Other Countries				
Argentina.....	1.86	2.49	2.34	1.34
Brazil.....	1.11	1.25	1.58	1.72
Communist Countries				
USSR and Eastern Europe.....	148	152	169	149
USSR.....	84.37	88.68	96.78	77.80
Eastern Europe.....	63.9	63.2	72.0	70.8
Bulgaria.....	0.48	0.28	0.37	0.38
Czechoslovakia.....	5.09	3.68	4.79	5.00
East Germany.....	14.82	12.86	13.05	12.30
Hungary.....	2.66	1.48	1.43	1.31
Poland.....	37.86	42.66	50.30	48.70
Romania.....	3.01	2.20	2.06	3.14
Far East				
North Vietnam <sup>2</sup> .....	0.02	1.97	1.88	1.88
Other				
Albania.....	0.02	0.02	0.15	N.A.
Cuba <sup>3</sup> .....	0.09	0.08	0.09	N.A.
Yugoslavia.....	3.27	2.38	2.96	2.32

<sup>1</sup> Unless otherwise indicated, data are for Irish potatoes.<sup>2</sup> Sweet potatoes and manioc.<sup>3</sup> Data reflect government collections only; the total production is considerably higher.

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Table 136

Production of Meat<sup>1</sup>

Thousand Metric Tons

	1960	1965	1970	1972
<b>OECD</b>				
United States.....	12,795	14,304	16,447	16,804
Australia.....	1,359	1,743	1,940	2,319
Canada <sup>2</sup> .....	1,114	1,327	1,480	1,548
Japan <sup>2</sup> .....	322	640	920	1,073
Spain <sup>2</sup> .....	554	608	954	950
European Community.....	10,200	11,900	13,100	13,400
Denmark <sup>2</sup> .....	766	938	911	938
France <sup>2</sup> .....	2,613	3,241	2,992	3,034
Italy <sup>2</sup> .....	1,104	1,085	1,363	1,455
Netherlands <sup>2</sup> .....	704	794	1,014	1,027
United Kingdom.....	1,718	2,019	2,121	2,137
West Germany <sup>2</sup> .....	2,617	3,074	3,590	3,574
<b>Other Countries</b>				
Argentina.....	2,263	2,445 <sup>2</sup>	3,096 <sup>2</sup>	2,586 <sup>2</sup>
Brazil.....	1,872	2,039 <sup>2</sup>	2,562 <sup>2</sup>	2,749 <sup>2</sup>
Mexico.....	655	812 <sup>2</sup>	999 <sup>2</sup>	979 <sup>2</sup>
New Zealand.....	748	797	999	979
<b>Communist Countries</b>				
USSR and Eastern Europe.....	12,100	14,000	16,800	18,700
USSR <sup>3</sup> .....	8,682	9,956	12,278	13,584
Eastern Europe.....	3,380	4,040	4,490	5,070
Bulgaria.....	174	278	266	300
Czechoslovakia.....	483	599	638	700
East Germany.....	730	886	994	1,100
Hungary <sup>4</sup> .....	430	476	525	640
Poland <sup>5</sup> .....	1,148	1,334	1,478	1,650
Romania.....	414	462	590	680
<b>Other</b>				
Albania.....	20	20	N.A.	N.A.
Yugoslavia <sup>4</sup> .....	522	639	703	710

<sup>1</sup> Data are on a carcass weight, bone-in basis, and are for beef, veal, pork, mutton, lamb, and goat where they are produced. Unless otherwise indicated, data exclude horsemeat, rabbit, poultry, game, edible offal, and lard.

<sup>2</sup> Including horsemeat.

<sup>3</sup> Including horsemeat, rabbit, poultry, game, edible offal, and lard.

<sup>4</sup> Including horsemeat and live exports.

<sup>5</sup> Including horsemeat and edible offal.

UNCLASSIFIED

Table 137

Production of Milk<sup>1</sup>

Thousand Metric Tons

	1960	1965	1970	1972
<b>OECD</b>				
United States.....	55,702	56,324	53,053	54,557
Canada.....	8,385	8,328	8,307	8,033
European Community.....	83,500	88,400	91,200	95,600
France.....	22,652	26,771	27,276	29,200
Italy.....	9,648	9,184	9,243	9,600
Netherlands.....	6,838	7,142	8,239	9,073
United Kingdom.....	12,670	11,386 <sup>2</sup>	12,389 <sup>2</sup>	13,601 <sup>2</sup>
West Germany.....	19,250	21,253	21,856	21,489
<b>Communist Countries</b>				
USSR and Eastern Europe.....	88,800	101,000	116,000	118,000
USSR.....	61,718	72,563	83,016	83,227
Eastern Europe.....	27,100	28,700	32,700	34,300
Bulgaria.....	744	1,000	1,250	1,310
Czechoslovakia <sup>3</sup> .....	3,830	3,924	4,794	5,120
East Germany <sup>4</sup> .....	5,730	6,371	7,091	7,515
Hungary <sup>3</sup> .....	1,957	1,762	1,861	1,836
Poland.....	12,488	13,330	14,935	15,550
Romania.....	2,356	2,302	2,752	2,960
<b>Other</b>				
Albania.....	44	47	N.A.	N.A.
Cuba.....	742	620	400	625
Yugoslavia.....	2,280	2,303	2,567	2,550

<sup>1</sup> Whole milk from cows.<sup>2</sup> Total sales off-farm.<sup>3</sup> Including milk sucked by young animals.<sup>4</sup> In terms of 3.5% butterfat content.

UNCLASSIFIED

Table 138

Production of Sugar<sup>1</sup>

Thousand Metric Tons

	1960	1965	1970	1972
<b>OECD</b>				
United States <sup>2</sup> .....	3,637	4,471	5,327	5,510
Australia <sup>3</sup> .....	1,441	2,073	2,507	2,869
European Community.....	7,630	7,600	8,650	10,000
France.....	2,267	2,377	2,694	2,913
Italy.....	998	1,241	1,202	1,195
United Kingdom.....	860	973	925	895
West Germany.....	1,877	1,601	2,056	2,265
Other Countries <sup>3</sup>				
Brazil.....	3,310	4,614	5,019	5,870
India.....	2,814	3,493	4,634	3,295
Mexico.....	1,530	2,107	2,402	2,440
Philippines.....	1,398	1,659	1,980	1,830
South Africa.....	952	1,014	1,649	2,111
<b>Communist Countries</b>				
USSR and Eastern Europe.....	11,100	16,200	15,300	14,100
USSR <sup>4</sup> .....	6,916	11,997	11,110	9,676
Eastern Europe.....	4,210	4,240	4,160	4,460
Bulgaria <sup>4</sup> .....	186	342	403	308
Czechoslovakia <sup>4</sup> .....	958	874	951	800
East Germany <sup>4</sup> .....	739	619	587	700
Hungary <sup>4</sup> .....	414	465	304	323
Poland.....	1,484	1,505	1,509	1,820
Romania <sup>4</sup> .....	425	437	409	500
<b>Far East</b>				
China <sup>2</sup> .....	920	1,500	1,700	2,100
<b>Other</b>				
Albania.....	15	16	N.A.	N.A.
Cuba <sup>5</sup> .....	5,862	6,220	8,530	4,200
Yugoslavia.....	289	363	385	364

<sup>1</sup> Unless otherwise indicated, data are for beet sugar produced in the calendar year. Data are given in terms of the raw value of centrifugal sugar. Refined sugar is equal to approximately 92% of raw sugar by weight. Centrifugal, as distinguished from noncentrifugal, sugar includes cane and beet sugar produced by the centrifugal process and is the principal type of sugar moving in international trade.

<sup>2</sup> Including cane sugar.

<sup>3</sup> Cane sugar only.

<sup>4</sup> Including raw cane sugar imported for refining.

<sup>5</sup> Raw cane sugar of 90° polarization. Crop years ending 30 June of the stated year.

UNCLASSIFIED

Table 139

	Fish Catch <sup>1</sup>			
	Thousand Metric Tons			
	1960	1965	1970	1971
<b>OECD</b>				
United States.....	2,815	2,696	2,755	2,767
Canada.....	934	1,262	1,389	1,289
Japan.....	6,193	6,908	9,315	9,804
Norway.....	1,543	2,312	2,980	3,075
Spain.....	970	1,340	1,499	1,613
European Community.....	3,580	4,110	4,520	4,600
Denmark.....	581	841	1,226	1,401
France.....	734	768	764	742
United Kingdom.....	924	1,047	1,099	1,107
West Germany.....	674	633	613	508
<b>Other Countries</b>				
Chile <sup>2</sup> .....	340	708	1,181	1,494
India.....	1,161	1,331	1,746	1,345
Peru.....	3,569	7,632	12,613	10,611
South Africa.....	864	1,230	1,555	1,084
<b>Communist Countries</b>				
USSR and Eastern Europe.....	3,900	6,400	8,860	8,900
USSR <sup>3</sup> .....	3,541	5,774	7,887	7,845
Eastern Europe.....	358	627	977	1,060
Bulgaria <sup>4</sup> .....	8	17	84	97
Czechoslovakia.....	9	11	13	14
East Germany.....	114	229	319	332
Hungary.....	15	25	26	26
Poland.....	187	301	473	512
Romania.....	25	44	62	75
<b>Far East</b>				
North Korea.....	465	785	N.A.	N.A.
<b>Other</b>				
Albania.....	3	4	N.A.	N.A.
Cuba.....	31	40	106	140
Yugoslavia.....	31	42	46	49

<sup>1</sup> Unless otherwise indicated, data are in terms of live weight for all species of fish and seaweed, crustaceans, and mollusks, but exclude aquatic mammals.

<sup>2</sup> Including quantities landed by foreign fishing craft in Chilean ports.

<sup>3</sup> Including aquatic mammals.

<sup>4</sup> Commercial catch only.

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Table 140

Number of Cattle<sup>1</sup>

Million Head

	1960	1965	1971	1973
OECD.....	221	241	256	270
United States.....	96.24	109.00	114.58	121.99
Australia.....	16.50	18.82	24.37	29.74
Canada.....	10.39	12.13	12.22	12.73
Turkey <sup>2</sup> .....	14.30	14.41	13.87	14.25
European Community.....	65.6	68.0	71.9	74.0
France.....	18.74	20.24	21.74	21.90
Italy <sup>2</sup> .....	9.40	9.23	8.78	8.60
United Kingdom.....	11.48	11.69	12.44	13.75
West Germany.....	12.48	13.05	14.03	13.89
Other Countries				
Argentina.....	43.51	46.79	49.79	54.90
Brazil.....	72.89	84.25	80.00	88.00
Colombia.....	15.10	16.50	20.51	21.42
Mexico.....	17.67	21.98	25.12	26.83
South Africa.....	12.30	12.44	10.04	N.A.
Communist Countries				
USSR and Eastern Europe.....	99.3	114	127	134
USSR.....	74.16	87.17	99.22	104.00
Eastern Europe.....	25.2	26.6	28.1	30.2
Bulgaria.....	1.28	1.47	1.28	1.44
Czechoslovakia.....	4.30	4.44	4.29	4.43
East Germany <sup>3</sup> .....	4.46 <sup>4</sup>	4.08	5.19	5.38
Hungary.....	1.97 <sup>5</sup>	1.94	1.91	1.87
Poland.....	8.70 <sup>6</sup>	9.35	10.22	11.30
Romania.....	4.45	4.76	5.22	5.78
Far East				
North Korea.....	0.67	0.69*	N.A.	N.A.
North Vietnam <sup>2</sup> .....	2.40	2.38	N.A.	N.A.
Other				
Albania <sup>2</sup> .....	0.43	0.43	N.A.	N.A.
Cuba.....	5.76	6.61	N.A.	5.10
Yugoslavia .....	5.30	5.22	5.14	5.30

<sup>\*</sup>An asterisk indicates that the data are CONFIDENTIAL.<sup>1</sup> Unless otherwise indicated, data are as of the beginning of the year.<sup>2</sup> Including buffalo.<sup>3</sup> Unless otherwise indicated, as of 30 November of the previous year.<sup>4</sup> As of 3 December of the previous year.<sup>5</sup> As of March of the stated year.<sup>6</sup> As of 30 June of the stated year.

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Table 141

Number of Hogs<sup>1</sup>

Million Head

	1960	1965	1971	1973
OECD.....	128	131	172	167
United States.....	59.03	50.79	67.43	61.50
Canada.....	6.05	5.60	7.70	7.30
Japan.....	1.92	3.98	6.90	7.43
Spain.....	5.38	4.02	6.92	7.47
European Community.....	44.9	55.4	70.1	69.0
Denmark.....	6.20	8.20	8.73	8.75
France.....	8.36	9.04	11.57	11.52
Italy.....	4.15	5.41	8.98	7.99
United Kingdom.....	6.01	7.94	8.55	8.87
West Germany.....	14.87	18.15	20.97	20.03
Other Countries				
Brazil.....	46.82	58.70	67.00	69.40
Mexico.....	5.99	9.09	11.72	9.40
Philippines.....	8.15	10.51	12.50	13.00
Communist Countries				
USSR and Eastern Europe.....	91.9	97.6	113	121
USSR.....	53.37	52.84	67.48	66.50
Eastern Europe.....	38.5	44.8	45.1	54.1
Bulgaria.....	2.27	2.61	2.37	2.61
Czechoslovakia.....	5.69	6.14	5.53	6.10
East Germany <sup>2</sup> .....	8.28 <sup>3</sup>	8.76	9.68	10.36
Hungary.....	5.36 <sup>4</sup>	7.04	7.31	7.26
Poland.....	12.62 <sup>5</sup>	14.20	13.86	19.00
Romania.....	4.30	6.03	6.36	8.78
Far East				
North Korea.....	1.12	1.21*	N.A.	N.A.
North Vietnam.....	3.63	4.48	N.A.	N.A.
Other				
Albania.....	0.12	0.15	N.A.	N.A.
Cuba.....	1.72	1.75	N.A.	N.A.
Yugoslavia.....	6.21	6.98	6.56	6.28

<sup>\*</sup>An asterisk indicates that the data are CONFIDENTIAL.<sup>1</sup> Unless otherwise indicated, data are as of the beginning of the year.<sup>2</sup> Unless otherwise indicated, as of 30 November of the previous year.<sup>3</sup> As of 3 December of the previous year.<sup>4</sup> As of March of the stated year.<sup>5</sup> As of 30 June of the stated year.

UNCLASSIFIED

Table 142

	Production of Ginned Cotton			
	Thousand Metric Tons			
	1960	1965	1970	1972
OECD <sup>1</sup> .....	3,420	3,770	2,790	3,660
United States.....	3,107.3	3,259.9	2,213.3	2,953.8
Greece.....	62.7	74.0	110.0	119.8
Turkey.....	168.7	326.6	390.5	500.8
Other Countries <sup>1</sup>				
Argentina.....	123.9	104.5	87.1	114.3
Brazil.....	424.6	544.3	489.9	653.2
Egypt.....	478.1	518.2	508.4	520.4
India.....	1,008.0	1,001.5	958.0	1,110.4
Iran.....	99.3	140.4	150.2	174.2
Mexico.....	457.2	571.5	313.5	357.1
Pakistan.....	304.4	416.9	528.0	718.5
Sudan.....	114.3	163.3	251.7	239.5
Syria.....	111.2	179.6	149.1	161.1
Communist Countries				
USSR and Eastern Europe.....	1,480	1,940	2,360	2,520
USSR.....	1,458.0	1,925.0	2,343.0	2,504.0
Eastern Europe.....	21.1	12.6	12.5	15.0
Bulgaria.....	21.1	12.6	12.5	15.0
Far East				
China.....	1,280.0	1,500.0	1,660.0	1,200.0
Other				
Albania.....	5.4	8.1	N.A.	N.A.
Cuba.....	7.2	0.8	N.A.	N.A.
Yugoslavia.....	2.4	1.7	4.2	3.3

<sup>1</sup> Data are for the crop year beginning 1 August of the stated year.

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Table 143

Production of Wool<sup>1</sup>

Thousand Metric Tons

	1960	1965	1970	1972
OECD.....	1,120	1,100	1,170	1,080
United States.....	146.3	109.4	85.1	78.4
Australia.....	740.3	754.2	885.5	807.9
Turkey.....	47.4	43.0	47.5	48.0
Spain.....	38.0	36.2	33.8	26.5
European Community.....	117	119	93.0	94.6
France.....	29.5	27.7	21.0	21.8
Italy.....	13.4	15.5	12.5	12.7
United Kingdom.....	55.0	58.6	44.5	44.0
Other Countries				
Argentina.....	221.1	211.0	199.8	180.0
Brazil.....	23.0	35.5	40.6	42.1
India.....	34.1	35.0	36.0	37.5
New Zealand.....	266.7	315.2	333.9	324.3
South Africa <sup>2</sup> .....	135.7	164.4	126.6	113.5
Uruguay.....	82.0	84.0	78.0	60.0
Communist Countries				
USSR and Eastern Europe.....	427	436	507	507
USSR.....	356.8	356.9	418.9	419.0
Eastern Europe.....	70.2	78.8	88.5	87.7
Bulgaria.....	21.0	25.8	28.8	30.0
Czechoslovakia.....	2.5	2.0	4.0	3.9
East Germany.....	7.7	8.0	7.3	7.6
Hungary.....	8.2	10.1	9.8	8.4
Poland.....	9.0	7.5	8.9	8.6
Romania.....	21.8	25.4	29.7	29.2
Other				
Albania.....	2.7	2.9	N.A.	N.A.
Yugoslavia.....	13.6	12.6	11.9	11.0

<sup>1</sup> Raw wool (grease basis) from sheep, which includes both shorn and pulled wool together with the wool element of "wooled sheepskins."

<sup>2</sup> Including data for Lesotho and South-West Africa.

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Table 144

	Production of Grain Combines <sup>1</sup>				Units
	1960	1965	1970	1972	
OECD					
United States.....	30,165	38,442	21,017 <sup>2</sup>	21,229 <sup>2,3</sup>	
United Kingdom <sup>2</sup> .....	3,213	5,243	2,132	1,905 <sup>3</sup>	
Communist Countries					
USSR and Eastern Europe.....	67,000	91,200	103,000	101,000	
USSR.....	59,000	85,800	99,200	95,700	
Eastern Europe.....	8,040	5,360	4,230	5,300	
East Germany.....	1,972	1,585	900	1,400	
Poland.....	564	1,781	2,155	1,800	
Romania.....	5,500	2,012	1,179	2,100	

<sup>1</sup> Tractor-drawn and self-propelled.<sup>2</sup> Shipments.<sup>3</sup> Data are for 1971.

Table 145

	Production of Tractors <sup>1</sup>				Thousand Units
	1960	1965	1970	1972	
OECD					
United States.....	178.5	271.8	191.7	218.2 <sup>2</sup>	
European Community					
France.....	63.4	90.0	68.4	56.7	
Italy.....	37.6	62.7	83.8	61.4	
United Kingdom.....	181.0	178.5 <sup>2</sup>	160.7 <sup>2</sup>	170.1 <sup>2</sup>	
West Germany <sup>3</sup> .....	120.7	105.0	105.6	87.2	
Communist Countries					
USSR and Eastern Europe.....	308	442	575	596	
USSR.....	238.5	354.5	458.5	477.8	
Eastern Europe.....	69.0	87.5	117	118	
Bulgaria.....	.... <sup>4</sup>	3.8	4.4	4.3	
Czechoslovakia.....	32.5	30.5	18.5	22.3	
East Germany.....	9.1	12.9	16.1	7.9	
Hungary.....	2.6	3.0	1.8	1.2	
Poland.....	7.7	21.5	46.8	47.2	
Romania.....	17.1	15.8	29.3	34.9	
Far East					
China.....	10.8	13.7	24.0	30.8	
Other					
Yugoslavia.....	7.3	7.4	12.0	18.4	

<sup>1</sup> Physical units. Excluding garden-type tractors.<sup>2</sup> Shipments.<sup>3</sup> Excluding tracklaying tractors.<sup>4</sup> Production began in 1966 but was limited to a test series.

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Table 146

**Consumption of Mineral Fertilizers, Nutrient Content**  
**Kilograms per Hectare of Arable Land<sup>1</sup>**

	1960	1965	1970	1971
<b>OECD<sup>2</sup></b>				
United States.....	38.9	62.7	86.8	87.1
Australia.....	21.2	30.5	21.8	22.1
Canada.....	8.6	17.2	18.4	19.9
Spain.....	31.6	38.0	59.0	67.7
Turkey.....	1.5	5.7	15.8	17.4
<b>European Community</b>				
Belgium.....	360.3	474.9	578.8	573.5
Denmark.....	151.1	182.3	223.2	235.6
France.....	102.4	148.8	241.4	256.1
Ireland.....	124.8	172.1	364.2	365.2
Italy.....	51.5	70.7	89.6	97.1
Luxembourg.....	223.8	289.0	386.9	418.8
Netherlands.....	456.1	580.8	749.3	693.5
United Kingdom.....	183.3	206.5	258.4	266.6
West Germany.....	266.2	349.3	399.8	408.6
<b>Other Countries<sup>2</sup></b>				
India.....	2.3	4.7	13.2	15.0
<b>Communist Countries<sup>3</sup></b>				
<b>USSR and Eastern Europe</b>				
USSR <sup>4</sup> .....	11.4	27.3	44.4	48.9
<b>Eastern Europe</b>				
Bulgaria.....	33.8	79.1	141.1	140.4
Czechoslovakia <sup>2 4</sup> .....	91.4	166.3	240.5	252.3
East Germany <sup>2</sup> .....	197.4	262.7	323.2	333.4 <sup>4</sup>
Hungary.....	29.5	63.2	149.6	170.5
Poland <sup>2</sup> .....	49.0	83.1	167.8	188.6 <sup>4</sup>
Romania.....	8.1	25.4	56.5	60.2
<b>Far East</b>				
China.....	6.7*	14.2*	32.4*	36.7*
North Korea.....	66.5*	81.5*	165.0*	182.5*
<b>Other</b>				
Albania.....	N.A.	16.0	84.7	88.3
Yugoslavia.....	27.9	54.8	78.8	83.5

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Land under temporary crops, gardens, fallow or idle land, and permanent crops such as orchards and vineyards.

<sup>2</sup> Data are for "fertilizer years"—in general, the year beginning 1 July of the stated year.

<sup>3</sup> Unless otherwise indicated, data are for calendar years.

<sup>4</sup> Including phosphate rock.

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Table 147

## Consumption of Nitrogen Fertilizers, Nutrient Content

Thousand Metric Tons of N

	1960	1965	1970	1971
<b>OECD<sup>1</sup></b>				
United States.....	2,740	4,832	7,379	7,372
Japan.....	753	775	876	872
Spain.....	275	385	578	667
European Community.....	2,450	3,580	4,940	5,140
France.....	565	871	1,453	1,498
Italy.....	323	462	594	625
United Kingdom.....	463	690	801	930
West Germany.....	618	874	1,131	1,131
Other Countries <sup>1</sup>				
India.....	296	541	1,487	1,756
Communist Countries <sup>2</sup>				
USSR and Eastern Europe.....	1,640	3,920	7,510	8,230
USSR.....	769	2,282	4,605	5,182
Eastern Europe.....	868	1,640	2,900	3,050
Bulgaria.....	101	219	379	322
Czechoslovakia <sup>1</sup> .....	146	246	419	419
East Germany <sup>1</sup> .....	247	421	526	577
Hungary.....	75	180	391	394
Poland <sup>1</sup> .....	274	433	822	907
Romania.....	25	144	307	431
Far East				
China.....	545*	1,190*	2,980*	3,420*
North Korea.....	111*	120*	280*	310*
Other				
Albania.....	5	2	27	29
Yugoslavia.....	109	166	294	333

<sup>\*</sup>An asterisk indicates that the data are CONFIDENTIAL.<sup>1</sup> Data are for "fertilizer years"—in general, the year beginning 1 July of the stated year.<sup>2</sup> Unless otherwise indicated, data are for calendar years.

CONFIDENTIAL

Table 148

Consumption of Phosphorus Fertilizer, Nutrient Content

Thousand Metric Tons of P<sub>2</sub>O<sub>5</sub>

	1960	1965	1970	1971
OECD <sup>1</sup>				
United States.....	2,488	3,522	4,358	4,339
Australia.....	572	954	743	775
Canada.....	169	333	326	340
Japan.....	491	546	656	664
Spain.....	279	306	432	466
European Community.....	2,740	3,440	4,350	4,520
France.....	877	1,259	1,809	1,932
Italy.....	379	453	518	575
United Kingdom.....	426	422	543	512
West Germany.....	652	819	913	935
Other Countries <sup>1</sup>				
Brazil.....	77	87	377	447
India.....	56	134	462	565
New Zealand.....	225	342	321	347
Communist Countries <sup>2</sup>				
USSR and Eastern Europe.....	1,830	3,370	5,170	5,540
USSR <sup>3</sup> .....	1,074	2,097	3,129	3,376
Eastern Europe.....	757	1,280	2,040	2,160
Bulgaria.....	50	132	235	266
Czechoslovakia <sup>1,4</sup> .....	159	255	350	358
East Germany <sup>1</sup> .....	226	302	404	386 <sup>4</sup>
Hungary.....	66	124	217	251
Poland <sup>1</sup> .....	209	354	635	719 <sup>4</sup>
Romania.....	47	110	203	180
Far East				
China.....	155*	325*	465*	474*
North Korea.....	22*	43*	50*	55*
Other				
Albania.....	2	5	18	18
Yugoslavia.....	71	151	182	175

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Data are for "fertilizer years"—in general, the year beginning 1 July of the stated year.

<sup>2</sup> Unless otherwise indicated, data are for calendar years.

<sup>3</sup> Data are for soluble phosphorus fertilizers and for ground phosphate rock used for direct application.

<sup>4</sup> Including phosphate rock.

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Table 149  
Consumption of Potassium Fertilizer, Nutrient Content  
Thousand Metric Tons of K<sub>2</sub>O

	1960	1965	1970	1971
<b>OECD<sup>1</sup></b>				
United States.....	1,967	2,922	3,839	3,918
Japan.....	600	607	610	583
Spain.....	95	92	206	262
European Community.....	2,850	3,330	3,990	4,130
France.....	750	970	1,389	1,506
Italy.....	104	168	225	250
United Kingdom.....	450	436	535	496
West Germany.....	1,006	1,190	1,185	1,234
Other Countries <sup>2</sup>				
Brazil.....	106 <sup>3</sup>	100	306	351
India.....	28	90	228	302
Communist Countries <sup>4</sup>				
USSR and Eastern Europe.....	1,830	3,460	5,100	5,650
USSR.....	766	1,891	2,574	2,804
Eastern Europe.....	1,070	1,570	2,930	2,850
Bulgaria.....	6	10	25	48
Czechoslovakia <sup>1</sup> .....	191	395	514	569
East Germany <sup>1</sup> .....	528	588	623	639
Hungary.....	27	53	229	309
Poland <sup>1</sup> .....	311	516	1,114	1,263
Romania.....	3	12	24	22
Far East				
China.....	10*	5*	15*	25*
North Korea.....	....	Negl.*	Negl.*	Negl.*
Other				
Albania.....	1	1	2	2
Yugoslavia.....	103	138	156	162

\* An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Data are for "fertilizer years"—in general, the year beginning 1 July of the stated year.

<sup>2</sup> Unless otherwise indicated, data are for fertilizer years.

<sup>3</sup> Data are for calendar year.

<sup>4</sup> Unless otherwise indicated, data are for calendar years.

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# TRANSPORTATION

Approved For Release 2000/09/11 : CIA-RDP85T00873R001500200011-9

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Table 150

Railroad Freight<sup>1</sup>

Billion Metric Ton-Kilometers

	1960	1965	1970	1972
<b>OECD</b>				
United States <sup>2</sup> .....	868.47	1,052.72	1,141.04	1,180.00
Canada <sup>2</sup> .....	95.55	127.09	157.97	179.41
Japan.....	53.44	57.30	63.42	59.90
European Community.....	168	175	199	183
France.....	56.93	64.60	70.40	68.50
Italy <sup>3</sup> .....	15.86	15.29	17.13	16.96
United Kingdom <sup>4</sup> .....	30.50 <sup>5 6</sup>	25.23	26.81	20.00
West Germany.....	52.27	57.13	70.27	64.20
Other Countries				
India <sup>5 6</sup> .....	87.76	117.00	120.94	130.00
South Africa <sup>5 7</sup> .....	30.80	42.73	57.18	59.19
<b>Communist Countries</b>				
USSR and Eastern Europe.....	1,690	2,180	2,770	3,060
USSR.....	1,504.30	1,950.20	2,494.70	2,760.80
Eastern Europe.....	182	230	274	300
Bulgaria.....	6.98	10.78	13.86	15.83
Czechoslovakia.....	43.90	53.25	55.91	60.28
East Germany.....	32. <sup>8 9</sup>	38.87	41.51	44.78
Hungary.....	13.31	17.28	19.81	20.05
Poland.....	66.55	81.01	99.26	109.78
Romania.....	18.83	28.70	43.72	49.40
Far East				
China.....	247	213	298	373
North Korea.....	9.10	10.50	14.30	15.10

<sup>1</sup> Excluding urban systems; plantation, forest, mine, industrial plant, underground, funicular, and cable railways; and short lines of little importance. Unless otherwise indicated, data are for the state or principal railroad system and include all goods and livestock carried during the calendar year and exclude service traffic, mail, and nonrevenue government stores. Freight traffic carried on more than one railroad line within a country is counted only once. Foreign trade freight traffic carried through more than one country, however, is counted in each country. Data for the United States include express and mail and are specifically for revenue and nonrevenue freight traffic for a more realistic comparison with Soviet methods of reporting.

<sup>2</sup> Including secondary or private railroads operating as common carriers.

<sup>3</sup> Excluding livestock.

<sup>4</sup> Excluding data for Northern Ireland.

<sup>5</sup> Including mail and passenger baggage. Data are for the year beginning 1 April of the stated year.

<sup>6</sup> Including service traffic.

<sup>7</sup> Including South-West Africa.

UNCLASSIFIED

Table 151

Railroad Freight<sup>1</sup>

	Million Metric Tons			
	1960	1965	1970	1972
<b>OECD</b>				
United States <sup>2</sup> .....	1,180.5	1,341.7	1,426.3	1,424.0
Canada <sup>2</sup> .....	161.1	204.4	236.7	241.0
<b>European Community</b>				
France.....	227.0	238.7	260.0	249.0 <sup>3</sup>
United Kingdom <sup>4</sup> .....	253.1 <sup>2</sup>	232.4 <sup>2</sup>	202.0	172.0
West Germany <sup>2,5</sup> .....	429.2	423.1	392.6	362.5 <sup>3</sup>
<b>Communist Countries</b>				
USSR and Eastern Europe.....	<b>2,820</b>	<b>3,520</b>	<b>4,140</b>	<b>4,510</b>
USSR.....	1,884.9	2,415.3	2,896.0	3,171.5
Eastern Europe.....	931	1,100	1,240	1,340
Bulgaria.....	38.4	56.0	68.2	72.9
Czechoslovakia.....	194.1	218.5	237.6	259.5
East Germany.....	237.8	260.4	262.9	274.4
Hungary <sup>6</sup> .....	96.0	114.0	117.4	118.7
Poland.....	286.9	341.3	382.3	415.9
Romania.....	77.5	114.4	171.3	198.0
<b>Far East</b>				
China.....	510	440	615	770
North Korea.....	38.5	52.5	68.0	72.0

<sup>1</sup> Excluding urban systems; plantation, forest, mine, industrial plant, underground, funicular, and cable railways; and short lines of little importance. Unless otherwise indicated, data are for the state or principal railroad system and include all goods and livestock carried during the calendar year and exclude service traffic, mail, and nonrevenue government stores. Freight traffic carried on more than one railroad line within a country is counted only once. Foreign trade freight traffic carried through more than one country, however, is counted in each country. Data for the United States are in tons originated, thus giving a more realistic comparison with European methods of reporting.

<sup>2</sup> Including secondary or private railroads operating as common carriers.

<sup>3</sup> Data are for 1971.

<sup>4</sup> Including data for Northern Ireland.

<sup>5</sup> Including service traffic.

<sup>6</sup> Including performance of railroads owned jointly by Hungary and Austria within Hungary.

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Table 152

## Motor Vehicle Freight

Million Metric Ton-Kilometers

	1960	1965	1970	1972
OECD				
United States <sup>1</sup> .....	473,000	589,000	676,000	730,000
Japan.....	20,800	48,400	136,000	151,000
Communist Countries <sup>2</sup>				
USSR and Eastern Europe.....	120,000	175,000	280,000	332,000
USSR.....	98,520	143,083	220,800	261,800
Eastern Europe.....	21,000	32,400	58,800	70,300
Bulgaria.....	2,039	3,821	7,902	8,879
Czechoslovakia.....	5,108	6,975	10,094	11,000
East Germany.....	5,002	7,213	12,233	13,643
Hungary.....	1,580	2,726	5,820	6,800
Poland.....	5,692	8,376	15,761	21,125
Romania.....	1,600	3,270	6,973	8,000
Far East				
China.....	N.A.	N.A.	N.A.	12,500
North Korea.....	552	765*	N.A.	N.A.

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Total traffic for all urban streets and rural roads.<sup>2</sup> Including traffic by state automotive transport organizations and by cooperatives; branch enterprises; and transport units of industries, plants, offices, and the like.

Table 153

Motor Vehicle Freight<sup>1</sup>

Million Metric Tons Carried

	1960	1965	1970	1972
Communist Countries				
USSR and Eastern Europe.....	9,990	13,000	18,000	21,100
USSR.....	8,492.7	10,746.0	14,622.8	17,111.0
Eastern Europe.....	1,490	2,230	3,330	3,960
Bulgaria.....	128.3	281.3	492.8	573.0
Czechoslovakia.....	428.4	577.7	703.3	810.5
East Germany.....	270.3	345.8	464.0	517.8
Hungary.....	135.1	239.2	407.0	438.9
Poland.....	408.2	569.4	862.6	1,146.7
Romania.....	123.0	218.0	399.6	467.0
Far East				
China.....	N.A.	N.A.	N.A.	356.0
North Korea.....	78.6	116.0*	N.A.	N.A.

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Including traffic by state automotive transport organizations and by cooperatives; branch enterprises; and transport units of industries, plants, offices, and the like.

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Table 154

	Inland Water Freight			
	Million Metric Ton-Kilometers			
	1960	1965	1970	1972
<b>OECD</b>				
United States <sup>1</sup> .....	123,000	162,553	220,209	248,000
European Community				
France.....	10,773	12,510	14,183	13,773 <sup>2</sup>
Netherlands.....	20,020	24,070	30,743	30,429 <sup>2</sup>
West Germany.....	40,390	43,308	48,813	44,991 <sup>2</sup>
Communist Countries				
USSR and Eastern Europe.....	107,000	143,000	186,000	192,000
USSR.....	99,602	133,928	173,984	180,200
Eastern Europe.....	7,320	9,070	11,600	12,300
Bulgaria.....	615	1,062	1,832	2,072
Czechoslovakia.....	1,962	2,172	2,434	2,626
East Germany.....	1,901	1,859	2,114	2,012
Hungary.....	1,078	1,344	1,596	1,750
Poland.....	904	1,409	2,295	2,525
Romania.....	865	1,222	1,346	1,300

<sup>1</sup> Internal, intraport, and local water traffic, excluding Great Lakes traffic. For 1971, coastwise and foreign trade traffic within US waters together amounted to 69 billion metric ton-kilometers. In the same year, traffic on the Great Lakes amounted to 104 billion metric ton-kilometers of domestic trade and 50 billion metric ton-kilometers of US foreign trade.

<sup>2</sup> Data are for 1971.

Table 155

	Inland Water Freight			
	Million Metric Tons Carried			
	1960	1965	1970	1972
<b>OECD</b>				
United States <sup>1</sup> .....	358.56	428.63	502.22	518.00
European Community				
France.....	68.05	89.76	110.35	106.60 <sup>2</sup>
Netherlands.....	149.67	193.99	241.44	245.46 <sup>2</sup>
West Germany.....	171.36	195.69	240.00	229.98 <sup>2</sup>
Communist Countries				
USSR and Eastern Europe.....	23.4	297	395	435
USSR.....	210.32	269.44	357.76	395.30
Eastern Europe.....	23.8	27.6	36.8	39.8
Bulgaria.....	1.56	2.32	3.69	3.90
Czechoslovakia.....	3.53	4.06	4.46	4.87
East Germany.....	11.50	11.30	13.66	13.24
Hungary.....	2.30	2.40	2.80	2.90
Poland.....	2.95	4.68	8.84	10.87
Romania.....	1.91	2.87	3.40	4.00

<sup>1</sup> Internal, intraport, and local water traffic, excluding Great Lakes traffic.

<sup>2</sup> Data are for 1971.

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Table 156

## Air Passenger Traffic

	Billion Passenger-Kilometers			
	1960	1965	1970	1972
OECD				
United States <sup>1</sup> .....	62.54	110.52	211.97	245.27
Canada.....	4.27	7.56	15.40	15.46 <sup>2</sup>
Japan.....	1.05	4.59	16.43	16.50 <sup>2</sup>
European Community				
France.....	5.23	7.51	13.59	14.02 <sup>2</sup>
United Kingdom <sup>3</sup> .....	7.32	12.49	18.95	20.35 <sup>2</sup>
Communist Countries				
USSR.....	12.10	38.10	78.20	95.90

<sup>1</sup> Revenue passenger-kilometers flown on scheduled service of certificated route air carriers.<sup>2</sup> Data are for 1971.<sup>3</sup> Including data for airlines based in UK territories and dependencies.

Table 157

Air Freight<sup>1</sup>

	Million Metric Ton-Kilometers			
	1960	1965	1970	1972
OECD				
United States <sup>2</sup> .....	1,377	3,363	7,277	8,022
Canada.....	66	155	425	486 <sup>3</sup>
Japan.....	24	114	426	512 <sup>3</sup>
European Community				
France.....	152	232	542	556 <sup>3</sup>
Netherlands.....	117	212	393	428 <sup>3</sup>
United Kingdom.....	181	370	608	656 <sup>3</sup>
West Germany.....	41	157	523	574 <sup>3</sup>
Communist Countries				
USSR.....	563	1,338	1,887	2,189

<sup>1</sup> Express, freight, and mail traffic.<sup>2</sup> Revenue ton-kilometers flown on scheduled service of certificated route air carriers.<sup>3</sup> Data are for 1971.UNCLASSIFIED  
CLASSIFIED MATERIAL ON THE REVERSE

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Table 158

Ocean Freight<sup>1</sup>

Million Metric Ton-Kilometers

	1960	1965	1970	1972
<b>Communist Countries</b>				
USSR and Eastern Europe.....	188,000	501,000	921,000	N.A.
USSR <sup>2</sup> .....	131,500	388,800	656,100	698,200
Eastern Europe.....	56,700	113,000	264,000	N.A.
Bulgaria <sup>3</sup> .....	2,540	9,064	38,949	35,260
Czechoslovakia.....	7,472	8,261	10,502	12,157 <sup>4</sup>
East Germany <sup>3</sup> .....	10,518	30,204	69,721	70,036
Hungary <sup>5</sup> .....	230	338	1,120	N.A.
Poland <sup>3,6</sup> .....	34,828	56,381	106,620	151,098
Romania.....	1,065	8,368	37,429	42,579 <sup>4</sup>
<b>Far East</b>				
North Korea <sup>7</sup> .....	135	283*	N.A.	N.A.
<b>Other</b>				
Albania <sup>3</sup> .....	269	977	N.A.	N.A.

<sup>\*</sup>An asterisk indicates that the data are CONFIDENTIAL.<sup>1</sup> Unless otherwise indicated, data are for international shipping and include the performance of ships of less than 1,000 gross register tons.<sup>2</sup> Including Caspian Sea, Danube River, and domestic coastal and intercoastal traffic.<sup>3</sup> Including coastal traffic.<sup>4</sup> Data are for 1971.<sup>5</sup> Including Danube River traffic.<sup>6</sup> Possibly excluding the performance of some ships flying the Polish flag but under the control of the Chinese-Polish Shipbrokers Corporation. At the end of 1972 there were 16 of these ships, totaling 200,525 deadweight tons.<sup>7</sup> Including both modern coastal and inland water traffic.

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Table 159

## Petroleum Pipeline Transportation

	Billion Metric Ton-Kilometers			
	1960	1965	1970	1972
United States.....	333.8	447.3	629.2	667.2
Communist Countries				
USSR and Eastern Europe.....	N.A.	155	300	397
USSR.....	51.2	146.7	281.7	375.8
Eastern Europe.....	N.A.	7.9	18.1	21.3
Czechoslovakia.....	N.A.	3.2	6.4	7.5
East Germany.....	....	0.1	2.2	2.5 <sup>1</sup>
Hungary.....	0.1	0.3	0.7	1.1
Poland.....	N.A.	3.2	7.0	8.0
Romania.....	1.0	1.1	1.8	2.2 <sup>1</sup>

<sup>1</sup> Data are for 1971.

Table 160

## Petroleum Pipeline Transportation

	Billion Metric Tons Carried			
	1960	1965	1970	1972
United States <sup>1</sup> .....	414.7	554.9	784.6	805.0
Communist Countries				
USSR and Eastern Europe.....	N.A.	254	402	465
USSR.....	129.9	225.7	339.9	388.4
Eastern Europe.....	N.A.	28.1	61.7	76.8
Czechoslovakia.....	N.A.	7.0	13.4	17.0
East Germany.....	....	3.8	15.3	17.6 <sup>2</sup>
Hungary.....	1.2	3.8	6.3	9.2
Poland.....	N.A.	6.1	15.4	19.5
Romania.....	5.6	7.4	11.3	13.5

<sup>1</sup> Data are for tons originated, thus giving a more realistic comparison with the Communist countries.<sup>2</sup> Data are for 1971.UNCLASSIFIED  
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Table 161

Production of Mainline Locomotives<sup>1</sup>

	1960	1965	1970	1972	Units
<b>OECD</b>					
United States <sup>2</sup> .....	886	1,793	1,113	N.A.	
European Community					
France.....	311	293	203	156	
Italy <sup>3 4</sup> .....	150	141	53	140	
West Germany.....	1,231	947	402	465	
Communist Countries <sup>5</sup>					
USSR and Eastern Europe					
USSR.....	1,699	2,126	1,808	1,839	
Eastern Europe					
Czechoslovakia.....	290	481	500	500	
East Germany.....	5	240	150	N.A.	
Hungary <sup>6</sup> .....	....	57	52	N.A.	
Poland <sup>6</sup> .....	182	391	426	385	
Romania.....	10 <sup>7</sup>	110 <sup>7</sup>	265	286	
Far East					
China <sup>8</sup> .....	600	50	280	220*	
North Korea <sup>3</sup> .....	....	21*	25*	30*	

<sup>\*</sup> An asterisk indicates that the data are CONFIDENTIAL.<sup>1</sup> Unless otherwise indicated, data are for diesel, diesel-electric, and electric railroad locomotives of 1,000 horsepower or more.<sup>2</sup> Data are for locomotive units, delivered domestically and exported, that are substantially new but also may include a limited amount of used equipment.<sup>3</sup> Electric locomotives only.<sup>4</sup> Production for the government only. Data include rail motor vehicles.<sup>5</sup> Including diesel and diesel-electric locomotives of 750 horsepower or more.<sup>6</sup> Excluding narrow-gauge locomotives.<sup>7</sup> Diesel locomotives only.<sup>8</sup> Including steam locomotives through 1970. Steam locomotive production was phased out in 1971. Production of diesel locomotives began in 1965.

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Table 162  
Production of Mainline Diesel Locomotives

		1960	1965	1970	1972	Units
OECD <sup>1</sup>						
United States <sup>2</sup>	.....	885	1,793	1,113	N.A.	
European Community						
France.....		143	209	152	60	
West Germany.....		1,110	681	300	350	
Communist Countries <sup>3</sup>						
USSR and Eastern Europe						
USSR.....		1,303	1,485	1,485	1,488	
Eastern Europe						
Czechoslovakia.....		121	237	351	340	
East Germany.....		3	185	128	N.A.	
Hungary.....		....	40	30	N.A.	
Poland.....		144	319	351	300	
Romania.....		10	110	231	249	
Far East						
China.....		....	30*	180*	220*	

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Including diesel and diesel-electric locomotives of 1,000 horsepower or more.

<sup>2</sup> Data are for locomotive units, delivered domestically and exported, that are substantially new but also may include a limited amount of used equipment.

<sup>3</sup> Including diesel and diesel-electric locomotives of 750 horsepower or more.

CONFIDENTIAL

Table 163

Production of Mainline Electric Locomotives<sup>1</sup>

	1960	1965	1970	1972	Units
<b>OECD</b>					
United States.....	1	....	....	....	
European Community					
France.....	168	84	51	96	
Italy <sup>2</sup> .....	150	141	53	140	
West Germany.....	121	266	102	115	
Communist Countries					
USSR and Eastern Europe					
USSR.....	396	641	323	351	
Eastern Europe					
Czechoslovakia.....	169	244	149	160	
East Germany.....	2	55	22	N.	
Hungary <sup>3</sup> .....	....	17	22	N.A.	
Poland <sup>3</sup> .....	28	72	75	85	
Romania.....	N.A.	N.A.	34	37	
Far East					
China.....	2*	....	5*	5*	
North Korea.....	....	21*	25*	30*	

<sup>\*</sup>An asterisk indicates that the data are CONFIDENTIAL.<sup>1</sup> Unless otherwise indicated, data are for electric locomotives of 1,000 horsepower or more.<sup>2</sup> Production for the government only. Data include rail motor vehicles.<sup>3</sup> Excluding narrow-gauge locomotives.

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Table 164

Production of Railroad Freight Cars<sup>1</sup>

Thousand Units

	1960	1965	1970	1972
OECD				
United States <sup>2</sup> .....	57.31	77.90	66.18	47.46
European Community				
France.....	7.93	15.04	14.23	20.41
West Germany.....	6.63	11.31	9.60	7.00
Other Countries				
India.....	11.90	33.50	11.98	10.37
Communist Countries				
USSR and Eastern Europe.....	64.9	73.1	97.4	109
USSR.....	36.40	39.60	58.28	68.90
Eastern Europe.....	28.5	33.5	39.2	39.9
Bulgaria.....	2.01	1.58	1.99	1.88
Czechoslovakia.....	5.15	4.30	4.35	4.70
East Germany.....	2.38	2.17	5.71	4.40
Hungary.....	0.45	0.55	0.50	0.40
Poland.....	13.89	16.29	15.46	16.00
Romania.....	4.62	8.58	11.16	12.50
Far East				
China.....	23.0	6.6	12.0	15.0
North Korea.....	0.6*	1.6*	3.5*	4.4*
Other				
Yugoslavia.....	3.42	4.85	2.61	N.A.

<sup>\*</sup>An asterisk indicates that the data are CONFIDENTIAL.<sup>1</sup> Units of two, four, or more axles. The majority of the production now consists of four-axle units.<sup>2</sup> Shipments.

Table 165

Inventory of Civil Aircraft<sup>1</sup>

Units

	1960	1965	1970	1972
United States <sup>2</sup>				
Jet.....	202	725	2,136	2,118
Turboprop.....	230	312	374	318
Transport helicopters <sup>3</sup> .....	N.A.	N.A.	180	185
USSR				
Jet.....	190*	230*	440*	628*
Turboprop.....	180*	560*	1,190*	1,297*
Transport helicopters <sup>3</sup> .....	225*	630*	900*	1,150*

<sup>\*</sup>An asterisk indicates that the data are CONFIDENTIAL.<sup>1</sup> Data are as of the end of the year and exclude light aircraft.<sup>2</sup> Including all aircraft that perform commercial for-hire operations.<sup>3</sup> Capacity of 12 or more passengers.

CONFIDENTIAL

Table 166

Inventory of Mainline Locomotives<sup>1</sup>

	1960	1965	1970	1972	Units
<b>OECD</b>					
United States <sup>2</sup> .....	31,178	30,061	29,122	29,300	
Austria.....	1,482	1,398	1,338	1,324 <sup>3</sup>	
Spain.....	3,637	3,385	1,978	1,757 <sup>3</sup>	
Sweden.....	1,885	1,655	1,669	1,619 <sup>3</sup>	
Switzerland.....	1,100	1,192	1,402	1,439 <sup>3</sup>	
European Community.....	43,000	32,400	25,400	24,900 <sup>3</sup>	
France.....	7,963	7,360	6,072	6,028 <sup>3</sup>	
Italy.....	5,282	4,470	3,871	3,855 <sup>3</sup>	
United Kingdom.....	16,047	8,107	4,458	4,080 <sup>3</sup>	
West Germany.....	10,442	9,592	8,536	8,483 <sup>3</sup>	
<b>Communist Countries</b>					
USSR and Eastern Europe.....	55,800*	49,800*	48,500*	47,500*	
USSR.....	34,000	26,900	28,900	30,200	
Eastern Europe.....	21,800*	22,900*	19,600*	17,300*	
Bulgaria.....	635*	730*	680*	620*	
Czechoslovakia.....	5,230	5,520	4,595	4,200	
East Germany.....	6,000*	6,000*	5,000*	4,600*	
Hungary.....	2,460*	2,550*	2,030*	1,600*	
Poland.....	5,800	6,330	5,800	5,150	
Romania.....	1,720*	1,780*	1,500*	1,100*	
<b>Far East</b>					
China.....	5,900*	5,400*	5,900*	6,100*	
North Korea.....	350*	395*	490*	530*	
North Vietnam.....	70*	120*	N.A.	N.A.	

<sup>\*</sup>An asterisk indicates that the data are CONFIDENTIAL.<sup>1</sup> Unless otherwise indicated, data are for the state or principal railroad system and include diesel, diesel-electric, steam, and electric locomotives. Data are as of the end of the year.<sup>2</sup> Data include secondary or private railroads operating as common carriers.<sup>3</sup> Data are for 1971.

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Table 167

Inventory of Railroad Freight Cars<sup>1</sup>

		Thousand Units			
		1960	1965	1970	1972
OECD					
	United States <sup>23</sup> .....	1,945.7	1,806.2	1,803.7	1,740.0
European Community					
	France.....	362.2	362.3	302.4	304.6 <sup>4</sup>
	United Kingdom <sup>35</sup> .....	956.0	605.6	384.2	317.2 <sup>4</sup>
	West Germany.....	309.6	329.5	325.2	332.6 <sup>4</sup>
Communist Countries					
	USSR and Eastern Europe				
	USSR.....	949.0	1,030.0	1,140.0	1,220.0
	Eastern Europe				
	Bulgaria.....	22.0	33.0	37.8	40.8
	Czechoslovakia.....	129.3	136.1	135.8	133.2
	East Germany .....	154.3	152.0	150.0	152.0
	Hungary .....	62.0	73.4	71.4	71.5
	Poland.....	249.0	263.9	274.3	283.9
	Romania.....	55.5	68.6	86.0	92.0
Far East					
	China <sup>6</sup> .....	132*	143*	175* <sup>7</sup>	197* <sup>7</sup>
	North Korea <sup>6</sup> .....	10.4*	15.2*	23.8*	31.0*
	North Vietnam.....	1.0*	1.6*	N.A.	N.A.

<sup>1</sup>An asterisk indicates that the data are CONFIDENTIAL.<sup>1</sup> Units of two, four, or more axles. Unless otherwise indicated, data refer to both state and private ownership of cars used on the state or principal railroad system. Data are as of the end of the year.<sup>2</sup> Units of four or more axles.<sup>3</sup> Including secondary or private railroads operating as common carriers.<sup>4</sup> Data are for 1971.<sup>5</sup> Excluding privately owned tank cars and including data for Northern Ireland.<sup>6</sup> The majority are four-axle units.<sup>7</sup> Including Chinese freight cars in transit or on loan to North Vietnam.

CONFIDENTIAL

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Table 168

Inventory of Civilian Trucks<sup>1</sup>

Thousand Units

	1960	1965	1970	1972
<b>OECD</b>				
United States <sup>2</sup> .....	11,329	14,035	17,789	20,000
Canada.....	1,039	1,206	1,440	N.A.
European Community				
France.....	1,597	2,134	2,678	2,849 <sup>3</sup>
United Kingdom <sup>4 5</sup> .....	1,442	1,710	1,621	1,624 <sup>3</sup>
West Germany <sup>6</sup> .....	687	975	1,141	1,204 <sup>3</sup>
Communist Countries				
USSR and Eastern Europe.....	3,590	4,590	5,730	6,570
USSR.....	3,100	3,900	4,700	5,400
Eastern Europe.....	489	690	1,030	1,170
Bulgaria.....	68	95	115	125
Czechoslovakia.....	90	122	199	250
East Germany.....	132	166	229	260
Hungary.....	26	42	86	90
Poland.....	120	183	263	292
Romania.....	53	82	139	150
Far East				
China <sup>7</sup> .....	154*	230*	434*	590*
North Korea <sup>7</sup> .....	17	30*	55*	73*

<sup>1</sup>An asterisk indicates that the data are CONFIDENTIAL.<sup>2</sup> Unless otherwise indicated, data are as of the end of the year and include wheeled tractors for road haulage and exclude military trucks of all types.<sup>3</sup> Data are for the number of registrations of privately owned trucks and include duplications when trucks are registered in more than one state.<sup>4</sup> Data are for 1971.<sup>5</sup> Including data for Northern Ireland.<sup>6</sup> As of 1 October of the stated year.<sup>7</sup> As of 1 July of the stated year.<sup>7</sup> Including both military and civilian trucks.

CONFIDENTIAL

Table 169

Inventory of Merchant Fleet<sup>1</sup>

	1960		1965		1970		1972	
	Number	Thousand GRT <sup>2</sup>	Number	Thousand GRT	Number	Thousand GRT	Number	Thousand GRT
OECD <sup>3</sup> .....	13,006	92,100	12,400	104,000	12,100	131,000	12,000	152,000
United States <sup>3</sup> .....	2,960	23,870	2,449	21,203	1,780	16,918	1,233	13,467
Greece <sup>4</sup> .....	530	4,095	880	6,980	1,137	10,645	1,403	14,796
Japan.....	985	6,030	1,301	9,771	1,996	22,324	2,217	30,154
Norway.....	1,346	10,708	1,372	14,937	1,164	18,326	1,190	22,205
Sweden.....	567	3,449	457	3,979	379	4,617	345	5,264
European Community.....	5,630	39,800	4,970	42,200	4,630	51,600	4,460	58,000
France.....	635	4,472	561	4,790	462	6,063	148	7,282
Italy.....	669	4,758	590	5,246	619	6,680	623	7,359
United Kingdom.....	2,446	15,370	2,056	19,680	1,786	23,194	1,686	26,341
West Germany.....	869	4,137	833	4,865	936	6,941	885	7,816
Other Countries <sup>2</sup> .....								
Liberia.....	946	11,308	1,240	17,424	1,754	32,406	2,101	43,056
Panama.....	520	4,196	547	4,393	615	5,615	805	6,819
Communist Countries.....								
USSR and Eastern Europe.....	1,020*	4,220*	1,660*	8,960*	2,320*	13,900*	2,470*	15,300*
USSR <sup>5</sup> .....	829*	3,283*	1,284*	6,906*	1,793*	10,450*	1,904*	11,256*
Eastern Europe.....	189	932	376	2,060	530*	3,470*	570*	4,000*
Bulgaria <sup>6</sup> .....	15	46	61	381	102*	634*	99*	665*
Czechoslovakia <sup>7</sup> .....	11	85	10	74	12*	98*	13*	117*
East Germany.....	29	174	95	503	126*	936*	133*	1,021*
Hungary.....	8	10	16	20	16*	28*	18*	33*
Poland <sup>8</sup> .....	119	585	164	865	227*	1,445*	250*	1,773*
Romania.....	7	32	30	124	47*	335*	57*	395*
Far East.....								
North Korea.....	....	....	2	3	5*	17*	7*	30*
North Vietnam.....	....	....	2*	5*	6*	14*	6*	14*
Other.....								
Albania <sup>9</sup> .....	4	8	8	33	11*	54*	11*	54*
Cuba <sup>10</sup> .....	28	89	29	128	52*	315*	63*	371*
Yugoslavia <sup>10</sup> .....	130	617	174	933	190*	1,472*	194*	1,530*

<sup>\*</sup>An asterisk indicates that the data are CONFIDENTIAL.<sup>1</sup> Ships of 1,000 gross register tons (GRT) or more. Unless otherwise indicated, data are as of the end of the year. Data for the non-Communist countries include all combination passenger and cargo ships, whereas, unless otherwise indicated, those for the Communist countries exclude passenger ships that have small cargo capacities.<sup>2</sup> Data are as of midyear.<sup>3</sup> Excluding ships operating only on the Great Lakes and US-owned ships flying the Liberian, Panamanian, and other "flags of convenience."<sup>4</sup> Excluding Greek-owned ships flying the Liberian, Panamanian, and other "flags of convenience."<sup>5</sup> Excluding the Caspian Sea Fleet and including tankers assigned to the Ministry of the Fishing Industry.<sup>6</sup> Before August 1968, a few additional Bulgarian-owned ships were operated under the flags of non-Communist countries.<sup>7</sup> Until March 1967, an undetermined number of Czechoslovak-flag ships were jointly owned with China.<sup>8</sup> Including some ships flying the Polish flag but under the control of the Chinese-Polish Shipbrokers Corporation. At the end of 1972, there were 16 of these ships, totaling 149,300 GRT.<sup>9</sup> Except for 1960, data include a number of ships jointly owned by the Chinese-Albanian Joint Stock Shipping Company. At the end of 1972 there were three of these ships, totaling 27,007 GRT.<sup>10</sup> Data are as of midyear for 1960 and 1965.

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Table 170

Inventory of Tanker Fleet<sup>1</sup>

	1960		1965		1970		1972	
	Number	Thousand GRT						
OECD <sup>2</sup> .....	2,460	28,800	2,350	36,600	2,480	52,800	2,640	65,600
United States <sup>3</sup> .....	428	4,910	351	4,762	301	4,652	283	4,700
Greece <sup>4</sup> .....	57	798	114	1,753	200	3,879	245	5,227
Japan.....	124	1,444	222	3,592	356	8,519	419	12,402
Norway.....	508	6,215	478	8,312	355	8,952	370	10,796
Spain.....	51	413	66	618	106	1,421	107	1,772
Sweden.....	100	1,244	76	1,321	79	1,659	80	2,114
European Community.....	1,140	13,200	957	15,400	973	22,400	1,020	27,100
Denmark.....	64	822	56	972	56	1,340	59	1,745
France.....	142	1,837	156	2,302	140	3,537	134	4,575
Italy.....	147	1,587	146	1,951	188	2,397	205	3,150
Netherlands.....	115	1,348	94	1,535	92	1,998	88	1,954
United Kingdom.....	607	6,869	440	7,517	431	11,127	445	13,455
West Germany.....	47	564	47	835	52	1,364	70	1,918
Other Countries <sup>2</sup>								
Liberia.....	408	7,179	507	10,701	718	19,100	797	24,840
Panama.....	183	2,445	145	2,429	174	3,377	192	3,746
Communist Countries								
USSR and Eastern Europe.....	140*	923*	234*	2,500*	342*	3,640*	360*	3,810*
USSR <sup>5</sup> .....	128*	820*	205*	2,204*	307*	3,166*	323*	3,262*
Eastern Europe.....	12	103	29	300	35*	473*	37*	544*
Bulgaria.....	2	10	12	118	17*	165*	18*	203*
Czechoslovakia.....	1	13	...	...	...	...	...	...
East Germany.....	4	33	10	94	9*	176*	12*	232*
Poland.....	5	47	5	63	5*	63*	4*	52*
Romania.....	....	....	2	25	4*	69*	3*	57*
Far East								
North Vietnam.....	....	....	....	....	3*	8*	3*	8*
Other								
Cuba <sup>6</sup> .....	2	3	2	5	5*	31*	7*	53*
Yugoslavia <sup>6</sup> .....	6	40	11	64	17*	228*	17*	230*

<sup>\*</sup> An asterisk indicates that the data are CONFIDENTIAL.<sup>1</sup> Tankers and whaling tankers of 1,000 gross register tons (GRT) or more. Unless otherwise indicated, data are as of the end of the year.<sup>2</sup> Data are as of midyear.<sup>3</sup> Excluding ships operating only on the Great Lakes and US-owned ships flying the Liberian, Panamanian, and other "flags of convenience."<sup>4</sup> Excluding Greek-owned ships flying the Liberian, Panamanian, and other "flags of convenience."<sup>5</sup> Excluding the Caspian Sea Fleet and including tankers assigned to the Ministry of the Fishing Industry.<sup>6</sup> Data are as of midyear for 1960 and 1965.

Table 171

Military Capacities of Selected Ports  
Unloading Capacity in Metric Tons, Based on a 20-Hour Day

Non-Communist Countries			
Algeria		Ghana	New Zealand
Algiers.....	34,600	Takoradi.....	Auckland.....
Oran.....	19,000	Greece	Wellington.....
Angola		Piraeus.....	37,400
Lobito.....	5,100	Guinea	36,400
Argentina		Conakry.....	Nigeria
Buenos Aires.....	116,200	Hong Kong.....	Lagos.....
Australia		India	14,800
Brisbane.....	37,300	Bombay.....	Port Harcourt.....
Fremantle.....	18,200	Calcutta.....	5,000
Melbourne.....	61,100	Cochin.....	Norway
Newcastle.....	9,100	Madras.....	Bergen.....
Sydney.....	76,600	Vishakhapatnam.....	26,300
Bangladesh		Indonesia	Oslo.....
Chalna (anchorage only).....	300	Surabaja.....	Pakistan
Chittagong.....	9,300	Tandjungpriok.....	26,000
Belgium		Iran	Karachi.....
Antwerp.....	249,300	Abadan.....	Peru
Ghent.....	82,800	Khorramshahr.....	Callao.....
Brazil		Iraq	Philippines
Rio de Janeiro.....	51,500	Basra.....	Manila (Luzon I.).....
Santos.....	30,300	Ireland	42,800
Burma		Dublin.....	Portugal
Rangoon.....	13,100	Israel	Lisbon.....
Cambodia		Eilat.....	48,000
Kompong Som.....	4,900	Haifa.....	Republic of South Africa
Canada		Italy	Capetown.....
Halifax.....	41,200	Genoa.....	30,400
Montreal.....	91,400	Naples.....	47,800
Vancouver.....	42,700	Trieste.....	10,500
Chile		Japan	Port Elizabeth.....
Antofagasta.....	10,100	Kobe.....	Saudi Arabia
Valparaiso.....	13,100	Moji.....	Jeddah.....
Colombia		Nagasaki.....	7,100
Barranquilla.....	6,100	Osaka.....	Ras Tanura.....
Buenaventura.....	6,100	Tokyo.....	Senegal
Cartagena.....	8,500	Yokohama.....	Dakar.....
Congo		Jordan	36,400
Pointe Noire.....	7,800	Al Aqabah.....	Singapore
Cyprus		Kenya	Singapore.....
Famagusta.....	5,100	Mombasa.....	38,600
Limassol.....	1,000	Lebanon	Somalia
Denmark		Beirut.....	Berbera.....
Copenhagen.....	89,300	Libya	2,000
Ecuador		Benghazi.....	Chisimaio.....
Guayaquil.....	6,500	Tripoli.....	2,500
Egypt		Malaysia	Mogadiscio.....
Alexandria.....	47,300	Penang.....	500
Port Said.....	32,800	Port Swettenham.....	South Korea
Port Suez.....	22,000	Morocco	Inchon.....
Finland		Casablanca.....	12,200
Helsinki.....	27,400	Mozambique	Pusan.....
Turku.....	15,200	Beira.....	South Vietnam
France		Lourenco Marques.....	Saigon.....
Dunkirk.....	42,400	Netherlands	14,800
Le Havre.....	66,700	Amsterdam.....	Spain
Marseille.....	82,000	Rotterdam.....	Barcelona.....
Rouen.....	43,400		37,400
			Sri Lanka
			Colombo.....
			Sudan
			Port Sudan.....
			Sweden
			Goteborg.....
			Malmo.....
			Stockholm.....
			Syria
			Latakia.....
			Taiwan
			Kao-hsiung.....
			Kee-lung.....
			Tanzania
			Dar es Salaam.....
			Thailand
			Bangkok.....

ALL DATA IN THIS TABLE ARE CONFIDENTIAL

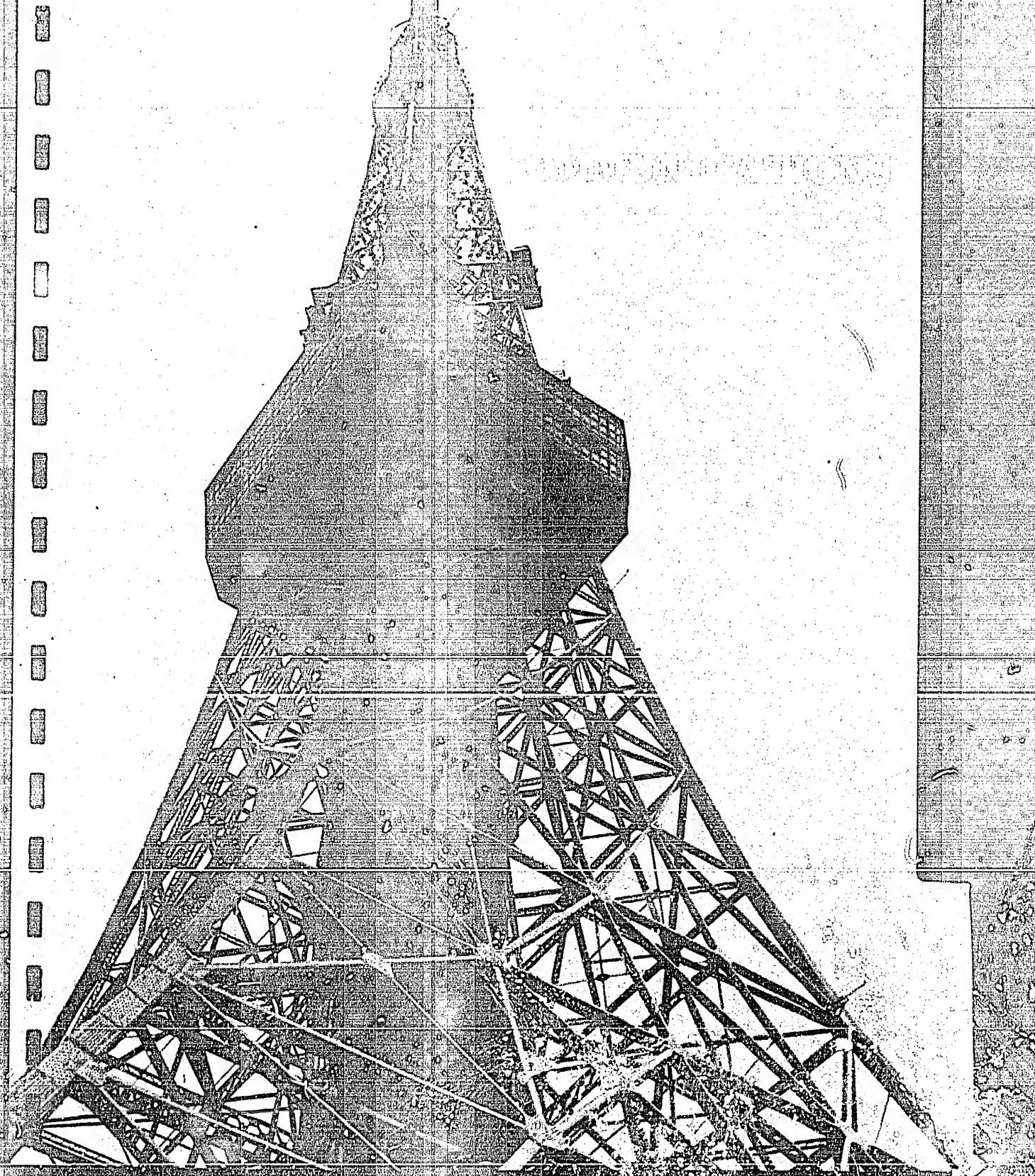
ALL DATA IN THIS TABLE ARE CONFIDENTIAL

Table 171 (Continued)

**Military Capacities of Selected Ports  
Unloading Capacity in Metric Tons, Based on a 20-Hour Day (Continued)**

Non-Communist Countries (Continued)			
Tunisia		United Kingdom (Continued)	Uruguay
Tunis (including La Goulette)...	12,200	Dundee.....	Montevideo.....
Turkey		Glasgow.....	18,200
Istanbul.....	25,400	Liverpool.....	West Germany
United Kingdom		London.....	Bremen.....
Belfast.....	22,600	Manchester.....	Bremerhaven.....
Cardiff.....	33,100	Southampton.....	Hamburg.....
			Zaire
			Matadi.....
			8,400
Communist Countries			
Albania		East Germany	USSR
Durres.....	5,100	Rostock.....	Arkhangel'sk.....
Bulgaria		Wismar.....	Il'ichevsk.....
Varna.....	22,400	North Korea	Leningrad.....
China		Chongjin.....	Liyeapaya.....
Canton.....	8,000	Hungnam.....	Murmansk.....
Dairen.....	43,700	Najin.....	Nakhodka.....
Fort Bayard (Chan Chiang) (Tsam Kong).....	6,000	Nampo.....	Nikolayev.....
Shanghai.....	70,500	North Vietnam	Novorossiysk.....
Whampoa.....	9,900	Cam Pha.....	Odessa.....
Cuba		Haiphong.....	Riga.....
Cienfuegos.....	5,900	Hon Gay.....	Tallin.....
Havana.....	38,700	Poland	Vladivostok.....
Mariel.....	4,500	Gdansk.....	66,000
Santiago.....	11,600	Gdynia.....	17,000
		Stettin.....	55,400
		Romania	Liyeapaya.....
		Constanta.....	19,000
			Murmansk.....
			Nakhodka.....
			Nikolayev.....
			Novorossiysk.....
			Odessa.....
			Riga.....
			Tallin.....
			Vladivostok.....
			27,500
			Yugoslavia
			Ploce.....
			Rijeka.....
			Split.....
			9,400
			30,500
			29,800

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Table 172

Telephones in Use<sup>1</sup>

				Thousand Units	
		1960	1965	1970	1972
OECD.	.....	124,000	168,000	233,000	249,000 <sup>2</sup>
United States.	.....	74,342	93,656	120,218	124,665 <sup>2</sup>
Australia.	.....	2,216	2,811	3,913	4,152 <sup>2</sup>
Canada.	.....	5,728	7,456	9,752	10,290 <sup>2</sup>
Japan.	.....	5,526	13,999	26,233	29,828 <sup>2</sup>
Spain.	.....	1,792	2,788	4,604	5,130 <sup>2,3</sup>
Sweden.	.....	2,761	3,573	4,506	4,680 <sup>2</sup>
Switzerland.	.....	1,659	2,259	3,026	3,213 <sup>2</sup>
European Community.	.....	26,500	37,200	54,500	59,400 <sup>2</sup>
France.	.....	4,358	6,117	8,774	9,546 <sup>2</sup>
Italy.	.....	3,861	5,981	9,369	10,322 <sup>2</sup>
Netherlands.	.....	1,613	2,382	3,410	3,721 <sup>2</sup>
United Kingdom.	.....	8,270 <sup>4</sup>	10,704 <sup>4</sup>	14,961 <sup>4</sup>	16,143 <sup>2</sup>
West Germany.	.....	5,994	8,802	13,835	15,246 <sup>2</sup>
Communist Countries <sup>5</sup>	.....				
USSR and Eastern Europe.	.....	6,680	13,300	21,100	24,600
USSR <sup>6</sup> .	.....	2,697	7,700	13,500	16,100
Eastern Europe.	.....	3,980	5,560	7,580	8,480
Bulgaria.	.....	172	279	473	582
Czechoslovakia <sup>7</sup> .	.....	1,016	1,491	2,003	2,232
East Germany.	.....	1,292	1,659	2,089	2,252
Hungary.	.....	418	528	712	796
Poland.	.....	881	1,294	1,867	2,082
Romania <sup>7</sup> .	.....	201	306	440	533
Other	.....				
Albania.	.....	7	11	I.A.	N.A.
Cuba.	.....	200	231	291	275
Yugoslavia.	.....	260	415	736	926

<sup>1</sup> Unless otherwise indicated, data are as of the end of the year and are for both private and public telephone in use that can be connected to a central exchange.

<sup>2</sup> Data are as of the beginning of the year.

<sup>3</sup> Including Spanish North Africa.

<sup>4</sup> Data are as of 31 March of the following year.

<sup>5</sup> Telephones operated by the various civil departments of post and telecommunications and, unless otherwise indicated, excluding telephones serviced by other functional ministries and the military.

<sup>6</sup> Beginning in 1965, data include telephones used by the functional ministries and exclude those used by the military.

<sup>7</sup> Telephone subscribers.

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Table 173

	Production of Semiconductors <sup>1</sup>				Million Units
	1960	1965	1970	1972	
<b>OECD</b>					
United States <sup>2</sup> .....	313.3	1,520.4	3,075.7	3,860.9	
Japan.....	206.4	721.6	3,892.5	4,636.2	
<b>Communist Countries</b>					
USSR and Eastern Europe.....	55.0*	405*	1,360*	1,910*	
USSR.....	55.0*	350.0*	1,100.0*	1,500.0*	
Eastern Europe.....	Negl.*	55.3*	256*	409*	
Bulgaria.....	Negl.*	1.5*	30.0*	40.0*	
Czechoslovakia.....	Negl.*	8.4*	40.0*	76.0*	
East Germany.....	Negl.*	24.0*	110.0*	176.0*	
Hungary.....	Negl.*	7.7*	35.0*	46.0*	
Poland.....	Negl.*	7.7	26.5	39.0	
Romania.....	Negl.*	6.0*	15.0*	32.0*	

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Semiconductor diodes; rectifiers; transistors; and, in 1972, integrated circuits.<sup>2</sup> Excluding the production by large US firms for their own use, which is not reported in statistical data.

Table 174

	Radio Receivers in Public Use <sup>1</sup>				Thousand Units
	1960	1965	1970	1972	
<b>OECD</b>					
United States.....	168,300	242,000	336,000	368,600	
Canada.....	~ ,050	12,000	15,890	16,850 <sup>2</sup>	
Japan.....	12,410	20,425	57,000	60,000 <sup>2</sup>	
<b>European Community</b>					
France <sup>3</sup> .....	10,981	15,336	15,995	16,025 <sup>2</sup>	
Italy <sup>3</sup> .....	8,005	10,724	11,702	12,068 <sup>2</sup>	
West Germany <sup>3</sup> .....	15,892	26,000	19,622	N.A.	
<b>Other Countries</b>					
India <sup>3</sup> .....	2,148	5,401	11,747	N.A.	
Mexico.....	3,300	8,593	14,005	N.A.	
<b>Communist Countries<sup>4</sup></b>					
USSR and Eastern Europe.....	44,400	57,200	68,800	74,200	
USSR.....	27,811	38,228	48,600	53,200	
Eastern Europe.....	16,600	19,000	20,200	21,000	
Bulgaria.....	869	1,400	1,555	1,521	
Czechoslovakia <sup>3</sup> .....	3,104	3,100	3,174	3,120	
East Germany <sup>3</sup> .....	5,574	5,743	5,985	6,058	
Hungary <sup>3</sup> .....	1,969	2,321	2,530	2,542	
Poland.....	3,796	4,537	4,698	5,476	
Romania <sup>3</sup> .....	1,283	1,920	2,241	2,330	
<b>Far East</b>					
China.....	N.A.	N.A.	14,000*-	16,000*-	
			15,000*	17,000*	
<b>Other</b>					
Albania.....	54	82	N.A.	N.A.	
Yugoslavia <sup>3</sup> .....	1,562	2,783	3,400	3,540	

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Data are as of the end of the year.<sup>2</sup> Data are for 1971.<sup>3</sup> Radio subscribers.<sup>4</sup> Excluding wired loudspeakers.

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Table 175

Television Receivers in Public Use<sup>1</sup>

	1960	1965	1970	1972	Thousands Units
OECD.....	92,700	146,000	198,000	238,000	
United States.....	57,100	71,400	92,700	111,300	
Canada.....	3,930	5,310	7,100	9,060	
Japan <sup>2</sup> .....	6,860	17,960	22,658	27,327	
Spain.....	250	1,750	4,115	5,200	
European Community.....	21,800	42,500	60,500	72,000	
France <sup>2</sup> .....	1,902	6,489	10,968	13,526	
Italy <sup>2</sup> .....	2,124	6,045	9,717	11,800	
United Kingdom <sup>2</sup> .....	11,076	13,516	16,316	16,931	
West Germany <sup>2</sup> .....	4,635	11,379	16,750	21,300	
Other Countries					
Brazil.....	1,200	2,500	6,100	7,600	
Communist Countries					
USSR and Eastern Europe.....	7,210	24,600	50,900	64,600	
USSR.....	4,788	15,693	34,800	45,600	
Eastern Europe.....	2,420	8,920	16,100	19,000	
Bulgaria.....	3	185	1,028	1,286	
Czechoslovakia.....	795	2,113	3,091	3,286	
East Germany.....	1,035	3,216	4,499	4,848	
Hungary.....	104	831	1,769	2,085	
Poland.....	426	2,078	4,215	5,497	
Romania.....	55	501	1,484	1,955	
Other					
Yugoslavia <sup>2</sup> .....	30	577	1,796	2,350	

<sup>1</sup> Data are as of the end of the year and include monochrome and color television receivers.<sup>2</sup> Television subscribers.

UNCLASSIFIED

CONFIDENTIAL

## INDEX

<i>Page</i>	<i>Page</i>
Academic, technical, and military trainees from LDCs to Communist countries .....	77
Acetate fabrics .....	121
Acid, sulfuric .....	111
Aggregate factor productivity, USSR .....	38
Agricultural labor force .....	30
Agricultural production index .....	22
Aid, China, economic, LDCs, extensions to .....	70
Aid, China, military, LDCs, extensions and drawings, by recipient .....	71
Aid, Communist countries, academic departures from LDCs for training .....	77
Aid, Communist countries, economic, drawings by LDCs .....	67
Aid, Communist countries, economic, extensions to LDCs .....	67
Aid, Communist countries, economic, technical departures from LDCs for training in Communist countries .....	77
Aid, Communist countries, economic technicians, Communist in LDCs .....	79
Aid, Communist countries, military departures from LDCs for training in Communist countries .....	77
Aid, Communist countries, military, deliveries, LDCs, aircraft .....	76
Aid, Communist countries, military, deliveries, LDCs, armament, land .....	75
Aid, Communist countries, military, deliveries, LDCs, equipment .....	74
Aid, Communist countries, military, deliveries, LDCs, guided missile systems .....	76
Aid, Communist countries, military, deliveries, LDCs, naval ships .....	75
Aid, Communist countries, military, drawings by LDCs .....	67
Aid, Communist countries, military, extensions to LDCs .....	67
Aid, Communist countries, military, personnel from LDCs trained in Communist countries .....	78
Aid, Communist countries, military technicians, Communist in LDCs, by country .....	79
Aid, Eastern Europe, LDCs, to, economic extensions, by recipient .....	72
Aid, Eastern Europe, military, LDCs, extensions and drawings, by recipient .....	73
Aid, gross bilateral capital flows to LDCs .....	63-64
Aid, US to LDCs, by recipient .....	65-66
Aid, USSR, economic, Communist countries, extensions to .....	80
Aid, USSR, economic, LDCs, extensions to .....	68
Aid, USSR, military, LDCs, extensions and drawings, by recipient .....	69
Aid, USSR, military, LDCs, extensions to .....	67, 69
Aircraft, civil, inventory .....	155
Aircraft, Communist, to less developed countries, by recipient .....	76
Air freight traffic .....	149
Air passenger traffic .....	149
Aluminum, primary .....	102
Ammonia, synthetic .....	112
Armaments, land, and naval ships, Communist, to less developed countries .....	75
Arms exports to LDCs .....	62
Automobiles in use, US, USSR .....	36
Automobiles, passenger, production .....	36, 115
Automobiles, passenger, production, US, USSR .....	36
Average annual rates of growth in industrial production, by branch of industry, USSR .....	43
Balance, current account .....	19
Balance, hard currency trade, Soviet .....	37
Bauxite .....	103
Basic balance .....	19
Bilateral capital flows to LDCs, gross, by donor .....	63
Bilateral capital flows to LDCs, gross, by recipient .....	64
Breadgrain .....	128
Brown coal .....	87
Budget, state, USSR .....	41
Buses and trucks, production .....	116
Capacity, military, of selected ports .....	161-162
Capital, fixed, stock of, USSR .....	42

CONFIDENTIAL

<i>Page</i>	<i>Page</i>		
Capital flows to LDCs, total gross bilateral, by donor .....	63	Crude steel .....	91
Capital flows to LDCs, total gross bilateral, by recipient .....	64	Crude steel, production .....	14, 91
Capital, investment, gross fixed, USSR .....	40	Currency, foreign, rates of exchange .....	26-27
Cars, railroad freight .....	155, 157	Currency, hard, trade balance, USSR .....	37
Cattle, inventory .....	136	Currency movements from Smithsonian rates .....	27
Caustic soda .....	113	Current account balance .....	19
Cement .....	126		
China, aid (see Aid, China)			
China, economic data .....	35	Defense expenditures, GNP, share of .....	5, 23
China, exports .....	53	Deliveries, Communist, to LDCs, aircraft .....	76
China, foreign trade .....	52	Deliveries, Communist, to LDCs, guided mis- siles .....	76
China, foreign trade, US .....	48	Deliveries, Communist, to LDCs, land arma- ments .....	75
China, imports .....	54	Deliveries, Communist, to LDCs, naval ships .....	75
Chromite .....	97	Diesel locomotives, production .....	153
Civil aircraft, inventory .....	155	Digital computers .....	125
Civilian trucks, inventory .....	158	Drawings and scheduled repayments on West- ern credits to USSR .....	42
Coal, brown, and lignite .....	87		
Coal, hard .....	86	Eastern Europe, aid (see Aid, Eastern Europe)	
Coarse grains .....	129	Eastern Europe, exports .....	56
Cobalt .....	98	Eastern Europe, foreign trade .....	45, 47, 55-57
Coke, metallurgical .....	90	Eastern Europe, foreign trade, US .....	45, 47
Combines, grain .....	140	Eastern Europe, imports .....	57
Commercial vehicles, production .....	116	Economic aid (see Aid)	
Communist countries, aid (see Aid, Commu- nist countries)		Economic data, China .....	35
Communist countries, exchange rates .....	26	Economic data, European Community .....	33
Communist countries, exports .....	50, 53, 56	Economic data, Japan .....	32
Communist countries, gross industrial pro- duction .....	21	Economic data, US .....	31
Communist countries, GNP .....	15	Economic data, USSR .....	34
Communist countries, imports .....	51, 54, 57	Economic plans, USSR, for 1973 and 1971-75 .....	44
Communist countries, industrial production, gross .....	21	Electric generating capacity, installed .....	89
Communist countries, trade, foreign (see Trade, foreign, Communist countries)		Electric generators .....	124
Computers, digital .....	125	Electric locomotives, production .....	154
Construction, total housing .....	125	Electric motors .....	122
Consumer price index .....	24	Electric power .....	88
Consumption, USSR, US, factors of .....	36	Energy .....	11, 81
Conversion factors .....	Inside Back Cover	Equipment, military, Communist, deliveries, by recipient .....	74-76
Copper, refined .....	101	Equipment, power .....	124
Cotton fabrics .....	119	European Community, economic data .....	33
Cotton, ginned .....	138	Exchange rates .....	26-27
Credits, Western, drawings and repayments, USSR .....	42	Exchange rates, Communist countries .....	26
Crude oil .....	82	Expenditures, defense, GNP, as a share .....	5, 23
Crude oil, proved reserves .....	83	Exports, arms, to LDCs .....	62
Crude oil, world production and consumption .....	9-10	Exports, China .....	53
		Exports, non-Communist countries .....	59
		Exports, USSR .....	50
		Exports, world .....	7

CONFIDENTIAL

<i>Page</i>	<i>Page</i>
Fabrics .....	119-121
Factor productivity, USSR .....	38-39
Factors, consumption, USSR and US .....	36
Factors, conversion .....	Inside Back Cover
Fertilizer, mineral, consumption .....	141
Fertilizer, mineral, nutrient content .....	107
Fertilizer, nitrogen, consumption .....	142
Fertilizer, nitrogen, production .....	108
Fertilizer, phosphorus, consumption .....	143
Fertilizer, phosphorus, production .....	109
Fertilizer, potassium, consumption .....	144
Fertilizer, potassium, production .....	110
Fibers, synthetic .....	122
Fish catch .....	135
Fixed capital, stock of, USSR .....	42
Fixed investment, gross, USSR .....	40
Fleet, merchant .....	159
Fleet, tanker .....	160
Footwear .....	118
Foreign trade (see Trade, foreign)	
Freight cars, railroad .....	155, 157
Freight traffic, air .....	149
Freight traffic, inland water .....	148
Freight traffic, motor vehicle .....	147
Freight traffic, ocean .....	150
Freight traffic, railroad .....	145-146
Freight traffic, truck .....	147
Gas, natural .....	85
Generating capacity, electric, installed .....	89
Generators, electric .....	124
Ginned cotton .....	138
GNP .....	1, 12-13, 15-17
GNP, Communist countries .....	15
GNP comparisons .....	3
GNP, defense expenditures as a share of .....	5, 23
GNP, end use, US .....	17
GNP, end use, USSR .....	17, 37
GNP, exchange rate equivalents .....	16
GNP, gross investment as a share of .....	5
GNP per capita .....	2, 12-13
GNP, purchasing power equivalents .....	16
GNP, real, index of .....	4
GNP, US .....	12-13, 17
GNP, USSR .....	12-13, 17, 37
GNP, world .....	1
Gold .....	100
Gold, USSR .....	38
Grain combines .....	140
Grain production, US, USSR .....	36
Grains, coarse .....	129
Gross fixed capital investment, USSR .....	40
Gross industrial production index, Communist countries .....	21
Gross investment as a share of GNP .....	5
Gross official bilateral capital flows to LDCs, by donor .....	63
Gross official bilateral capital flows to LDCs, by recipient .....	64
Growth, real, developed and LDCs, index of .....	4
Guided missile systems, Communist to LDCs, by recipient .....	76
Hard coal .....	86
Hard currency trade balance, USSR .....	37
Hogs, inventory .....	137
Housing construction .....	36, 125
Housing construction, US, USSR .....	36
Hydroelectric power .....	88
Imports, China .....	54
Imports, non-Communist countries .....	60
Imports, USSR .....	51
Industrial factor productivity, USSR .....	39
Industrial labor force .....	30
Industrial production, average annual rates of growth, by branch, USSR .....	43
Industrial production index .....	8, 20
Industrial production index, gross, Communist countries .....	21
Inland water freight traffic .....	148
Installed electric generating capacity .....	89
International comparisons .....	1-14
International economic comparisons, selected countries .....	12-13
International reserves .....	6, 18
Investment, gross, as a share of GNP .....	5
Investment, gross fixed capital, USSR .....	40
Iron ore .....	94
Iron, pig .....	93
<b>25X6</b>	
Japan, GNP comparisons .....	32
Japan, GNP comparisons .....	3
Labor force .....	29
Labor force, agricultural .....	30
Labor force, industrial .....	30
Labor force, nonagricultural .....	29
Land armament, Communists, to LDCs, by recipient .....	75

CONFIDENTIAL

CONFIDENTIAL

<i>Page</i>	<i>Page</i>
LDCs, aid (see Aid)	
LDCs, growth, real, index of .....	4
Lead, smelter .....	104
Lignite .....	87
Locomotives, mainline, diesel, production ....	153
Locomotives, mainline, electric, production ...	154
Locomotives, mainline, inventory .....	156
Locomotives, mainline, production .....	152-154
Machine tools .....	123
Magnesium, primary .....	106
Mainline locomotives, diesel, production ....	153
Mainline locomotives, electric, production ...	154
Mainline locomotives, inventory .....	156
Mainline locomotives, production .....	152-154
Manganese ore .....	95
Meat .....	36, 132
Meat, production, US, USSR .....	36
Merchant fleet, inventory .....	159
Metalcutting machine tools .....	123
Metalforming machine tools .....	123
Metallurgical coke .....	90
Military aid (see Aid)	
Military capacities of selected ports .....	161-162
Military personnel, LDC, training in Communist countries .....	78
Military trainees of LDCs to Communist countries .....	77
Milk .....	133
Mineral fertilizer, consumption .....	141
Mineral fertilizer, nutrient content, production .....	107
Molybdenum .....	98
Motor vehicle freight .....	147
Motor vehicle, world production .....	8
Natural gas .....	85
Natural rubber .....	114
Naval ships, Communist, to less developed countries, by recipient .....	75
Nickel, refined .....	96
Nitrogen fertilizer, consumption .....	142
Nitrogen fertilizer, production .....	108
Nonagricultural labor force .....	29
Non-Communist countries, exports .....	59
Non-Communist countries, imports .....	60
in-Communist countries, trade balance .....	61
Ocean freight traffic .....	150
Oil, crude .....	82
Oil, crude, proved reserves of .....	83
Oil, crude, world production and consumption of .....	9, 10
Ore, iron .....	94
Ore, manganese .....	95
Ore, tungsten .....	99
Passenger automobiles in use, US, USSR ....	36
Passenger automobiles, production .....	36, 115
Passenger automobiles, production, US, USSR	36
Passenger traffic, air .....	149
Persons supplied per farm worker .....	36
Petroleum pipeline transportation .....	151
Petroleum products .....	84
Phosphorus fertilizer, consumption .....	143
Phosphorus fertilizer, production .....	109
Pig iron .....	93
Pipeline transportation, petroleum .....	151
Plan, economic, USSR, for 1973 and 1971-75 ..	44
Plastics .....	112
Population .....	28
Ports, selected, military capacities of .....	161-162
Potassium fertilizer, consumption .....	144
Potassium fertilizer, production .....	110
Potatoes .....	131
Power, electric .....	88
Power equipment .....	124
Power, hydroelectric .....	89
Price index, consumer .....	24
Price index, wholesale .....	25
Primary aluminum .....	102
Primary energy .....	81
Primary energy consumption .....	11
Primary magnesium .....	106
Primary tin metal .....	106
Productivity, aggregate factor, USSR .....	38
Productivity, factor, industrial, USSR .....	39
Proved reserves of crude oil .....	83
Radio receivers in use .....	36, 164
Radio receivers in use, US, USSR .....	36
Radio receivers, production .....	118
Railroad freight cars, inventory .....	157
Railroad freight cars, production .....	155
Railroad freight traffic .....	145-146
Rates of exchange, Communist countries .....	26
Rayon fabrics .....	121
Real GNP, index of .....	4
Real growth in developed and less developed countries, index of .....	4

CONFIDENTIAL

Page	Page		
Receivers, radio, in use .....	36, 164	Tools, metalforming machine .....	123
Receivers, radio, in use, US, USSR .....	36	Total gross bilateral capital flows to LDCs by donor .....	63
Receivers, radio, production .....	118	Total gross bilateral capital flows to LDCs, by recipient .....	64
Receivers, television, in use .....	36, 165	Tractors .....	140
Receivers, television, in use, US, USSR .....	36	Trade balance, non-Communist countries .....	61
Receivers, television, production .....	117	Trade balance, USSR, hard currency .....	37
Refined copper .....	101	Trade, foreign, China .....	52
Refined nickel .....	96	Trade, foreign, China, exports .....	53
Refined zinc .....	105	Trade, foreign, China, imports .....	54
Refrigerators, US, USSR .....	36	Trade, foreign, China, US .....	45, 48
Repayments, scheduled, on Western credits to USSR .....	42	Trade, foreign, Communist countries .....	45-58
Reserves, international .....	6, 18	Trade, foreign, Communist countries, US ..	45-48
Rice .....	130	Trade, foreign, Eastern Europe .....	45, 47, 55-57
Rolled steel .....	92	Trade, foreign, Eastern Europe, exports .....	56
Rubber, natural .....	114	Trade, foreign, Eastern Europe, imports .....	57
Rubber, synthetic .....	113	Trade, foreign, Eastern Europe, US .....	45, 47
Rubber tires .....	114	Trade, foreign, non-Communist, exports .....	59
Semiconductors .....	164	Trade, foreign, non-Communist, exports, arms to LDCs .....	62
Shoes .....	118	Trade, foreign, non-Communist, imports .....	60
Smelter lead .....	104	Trade, foreign, non-Communist, trade bal- ance .....	61
Soda, caustic .....	113	Trade, foreign, US, China .....	45, 48
Soviet (see USSR) .....		Trade, foreign, US, Eastern Europe .....	45, 47
Soviet aid (see Aid, USSR) .....		Trade, foreign, US, USSR .....	45-46
Sponge, titanium .....	105	Trade, foreign, US, USSR, by commodity .....	46
State budget, USSR .....	41	Trade, foreign, USSR .....	49
Steel, crude .....	14, 91	Trade, foreign, USSR, exports .....	50
Steel, rolled .....	92	Trade, foreign, USSR, imports .....	51
Stock of fixed capital, USSR .....	42	Trade, foreign, USSR, trade balance, hard currency .....	37
Students from LDCs in Communist countries .....	77	Trade, foreign, USSR, US .....	45-46
Sugar .....	134	Trade, foreign, world exports .....	7
Sulfuric acid .....	111	Trade, foreign, Yugoslavia .....	58
Synthetic ammonia .....	112	Traffic, freight, air .....	149
Synthetic fibers .....	122	Traffic, freight, inland water .....	148
Synthetic rubber .....	113	Traffic, freight, motor vehicle .....	147
Tanker fleet, inventory .....	160	Traffic, freight, ocean .....	150
Technical trainees of LDCs to Communist countries .....	77	Traffic, freight, railroad .....	145-146
Technicians, Communist, economic and mili- tary, in LDCs, by country .....	79	Traffic, freight, truck .....	147
Telephones in use .....	163	Traffic, passenger, air .....	149
Television receivers in use .....	36, 165	Trainees in Communist countries .....	77, 78
Television receivers in use, US, USSR .....	36	Transportation, petroleum pipeline .....	151
Television receivers, production .....	117	Truck freight .....	147
Tin metal, primary .....	106	Trucks and buses, production .....	116
Tires, rubber .....	114	Trucks, civilian, inventory .....	158
Titanium sponge .....	105	Tungsten ore .....	99
Tools, metalcutting machine .....	123	Turbines .....	124

CONFIDENTIAL

CONFIDENTIAL

<i>Page</i>	<i>Page</i>		
US, economic data .....	31	USSR, investment, gross fixed capital .....	40
US economic loans and grants to LDCs, by recipient .....	65	USSR, plan, economic, for 1973 and 1971-75 .....	44
US, GNP comparisons .....	3	USSR, repayments on Western credits to .....	42
US military deliveries to LDCs, by recipient .....	66	USSR, state budget .....	41
USSR, aggregate factor productivity .....	38	USSR, trade balance, hard currency .....	37
USSR, aid (see Aid, USSR) .....		USSR, trade, foreign .....	49-51
USSR, average annual rates of growth in industrial production, by branch of industry .....		USSR, trade, US .....	45-46
USSR, budget, state .....	43	USSR, trade, US, by commodity .....	46
USSR, capital, fixed, stock of .....	41	USSR, US and, comparisons .....	12-13, 17, 36
USSR, capital investment, gross fixed .....	42	USSR, US and, consumption, factors of .....	36
USSR, consumption, factors of, US and .....	40	USSR, US and, GNP .....	12-13, 17
USSR, credits, Western, to .....	36	USSR, US and, trade .....	45-46
USSR, drawings on Western credits .....	42	USSR, Western credits to .....	42
US*R, economic data .....	34	Vehicles, commercial, production .....	116
USSR, economic performance .....	37-44	Vehicles, motor, production .....	115-116
USSR, economic plans for 1973 and 1971-75 .....	44	Washing machines, US, USSR .....	36
USSR, exports .....	50	Western credits to USSR, drawings and scheduled repayments on .....	42
USSR, factor productivity, aggregate .....	38	West Germany, GNP comparisons .....	3
USSR, fixed capital, stock of .....	42	Wholesale price index .....	25
USSR, foreign trade .....	49-51	Wool .....	139
USSR, gold .....	38	Woolen fabrics .....	120
USSR, gross fixed capital investment .....	40	World exports .....	7
USSR, gross industrial production index .....	21	World consumption of crude oil .....	9-10
USSR, GNP comparisons .....	3	World GNP .....	1
USSR, GNP, distribution of .....	17, 37	World production of crude oil .....	9-10
USSR, GNP, US and .....	12-13, 17	World production of crude steel .....	14
USSR, hard currency trade balance .....	37	World production of motor vehicles .....	8
USSR, imports .....	51	Woven cotton fabrics .....	119
USSR, industrial factor productivity .....	39	Woven rayon and acetate fabrics .....	121
USSR, industrial production, gross, index .....	21	Woven woolen fabrics .....	120
USSR, industrial production, growth .....	43	Yugoslavia, foreign trade .....	58
USSR, industrial production, indexes .....	8, 20-21	Zinc, refined .....	105

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## Conversion Factors

To Convert From	To	Multiply By
Acres.....	Hectares.....	0.40468564
Acres.....	Kilometers, square.....	0.004046856
Acres.....	Meters, square.....	4,046.856
Acres.....	Miles, square.....	0.0015625
Feet.....	Meters.....	0.30480061
Feet, cubic.....	Meters, cubic.....	0.028317
Feet, cubic.....	Tons, register.....	0.01
Feet, square.....	Meters, square.....	0.09290341
Gallons, US liquid.....	Meters, cubic.....	0.0037854
Gallons, US liquid.....	Inches, cubic.....	231
Gallons, US liquid.....	Feet, cubic.....	0.1336816
Gallons, US liquid.....	Liters.....	3.785306
Hectares.....	Acres.....	2.471054
Hectares.....	Kilometers, square.....	0.01
Kilometers.....	Miles, square.....	0.00386101
Kilometers.....	Miles, US nautical.....	0.539957
Kilometers, square.....	Miles, US statute.....	0.621371
Kilometers, square.....	Acres.....	247.1054
Kilometers, square.....	Hectares.....	100
Kilometers, square.....	Miles, square.....	0.386101
Meters.....	Feet.....	3.280840
Meters.....	Yards.....	1.093613
Meters, cubic.....	Tons, register.....	0.353147
Meters, cubic.....	Feet, cubic.....	35.314667
Meters, cubic.....	Gallons, US liquid.....	264.17205
Meters, square.....	Feet, square.....	10.763910
Meters, square.....	Yards, square.....	1.195991
Miles, US nautical.....	Kilometers.....	1.852
Miles, square.....	Acres.....	640
Miles, square.....	Hectares.....	259
Miles, square.....	Kilometers, square.....	2.59
Miles, US statute.....	Kilometers.....	1.609344
Ounces, troy.....	Grams.....	31.10348
Pounds, avoirdupois.....	Quintals.....	0.00453592
Pounds, avoirdupois.....	Tons, metric.....	0.000453592
Quarts, JS dry.....	Liters.....	1.10119
Quarts, US liquid.....	Liters.....	0.946326
Quintals.....	Pounds.....	220.4622
Quintals.....	Tons, metric.....	0.1
Tons, long.....	Tons, metric.....	1.016047
Ton-kilometers, metric.....	Ton-miles, short.....	0.684943
Tons, metric.....	Pounds.....	2,204.622
Tons, metric.....	Quintals.....	10
Tons, metric.....	Tons, long.....	0.984206
Tons, metric.....	Tons, short.....	1.10231
Ton-miles, short.....	Ton-kilometers, metric.....	1.459975
Tons, register.....	Feet, cubic.....	100
Tons, register.....	Meters, cubic.....	2.831685
Tons, short.....	Tons, metric.....	0.907185
Yards.....	Meters.....	0.9144018
Yards, square.....	Meters, square.....	0.836127

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